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1923/24

CARLETON COLLEGE BULLETIN
Vol. 20, No. 1 September, 1923

ANNOUNCEMENT NUMBER

For the College Year
1923-1924

Including

Directions for New Students

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

NORTHFIELD, MINNESOTA

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DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker), LL. D. (Knox, Williams, Oberlin, Beloit, and Drury),
President on the Martha Walker Wilkinson Foundation.

FREDERICK JOY FAIRBANK, B. A. (Illinois College), M. A. (Yale),
Treasurer.

EDWIN BLANCHARD DEAN, M. A. (Amherst), B. D. (Chicago Theological Seminary), D. D. (Doane),
Assistant to the President and *Chairman of the Board of Deans.*

WENDELL STANTON BROOKS, B. A. (Yale), M. A. (Chicago),
Secretary of the Faculty and *Registrar.*

BRUNO MEINECKE, PH. D. (Michigan),
Director of the Conservatory of Music.

EDWARD STRONG,
Dean of the Conservatory of Music.

AXEL EBENEZER VESTLING, PH. D. (Yale),
Dean of Men.

MARION B. WHITE, PH. D. (Chicago),
Dean of Women.

MRS. ADELLA M. CATTON,
Assistant Dean of Women and *Resident Head of Gridley Hall.*

WALTER MELVILLE PATTON, PH. D. (Heidelberg), D. D. (Baker),
Director of the Library.

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Associate Director of the Library.

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Assistant in Charge of Circulation.

ALICE V. STEFFENS
Assistant in Charge of Reserve Room.

STELLA STEBBINS
Assistant in charge of Library of Observatory.

RUTH E. DILLEY, B. A. (Carleton),
Assistant in Catalog Department.

D. BLAKE STEWART
Superintendent of Grounds, Buildings and Equipment.

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Manager of the College Farm.

THERESA JANE SCOTT
Superintendent of Gridley Hall.

ANNE M. WALKER
Superintendent of Men's Dormitory.

CAROLINE DEAN, M. A. (Doane),
Resident Head of Williams Lodge.

VERNON D. GALLAGHER
Resident Head of Allen House.

MRS. STUART MCKLVEEN HUNTER
Resident Head of Sperry Lodge.

MRS. DAVID BRYN JONES
Resident Head of Huntington Lodge.

MRS. WELLINGTON M. POWERS
Resident Head of Lincoln Lodge.

DONALD A. ROBERTS
Resident Head of Prentice House.

MRS. MARY J. SUMNER
Resident Head of Dean Lodge.

RUTH D. DEEN, B. A. (Carleton),
Assistant in the Office of the Conservatory.

OLIVE MAY HAWVER
Secretary to the Treasurer.

ELLA F. HOPKINS
Secretary to the Chairman of the Board of Deans.

MARION J. KINGMAN
Assistant in the Office of the Registrar.

FANNIE M. KUHN
Time-keeper in the Office of the Treasurer.

RUTH E. LITTLE
Assistant in the Office of Chairman of the Board of Deans.

MRS. ROYAL H. MOSES
Assistant in the Office of the Treasurer.

DOROTHY PATTEE
Secretary to the President.

MRS. GERTRUDE PETERS
Resident Nurse.

ALMA M. ROISUM
Secretary to the Director of the Conservatory.

MARJORIE ELSIE SCOTT
Assistant to Superintendent of Gridley Hall.

HOLMES AND FLYNN, 8 South Dearborn Street, Chicago,
Architects.

Directory of Offices

OFFICE	ROOM	HALL	PHONE
President	111	Laird	100
Assistant to the President	101	Leighton	348
Secretary and Registrar	105	Leighton	156-J
Treasurer	101	Laird	111
Chairman of Deans	101	Leighton	348
Director of Conservatory	110	Music	415
Dean of Conservatory	110	Music	415
Dean of Men	10	Leighton	156-L
Dean of Women	101	Gridley	366
Bureau of Appointments	101	Leighton	348
Director of Library	102	Scoville	57-J
Director of Athletics	102	Sayles-Hill Gym	376-J
Alumni Secretary	5	Leighton	391-J

The Faculty—1923-24*

The College

DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker), LL. D. (Knox, Williams, Oberlin, Beloit, and Drury),
President on the Martha Walker Wilkinson Foundation and *Professor of Philosophy.*

HERBERT COUPER WILSON, PH. D. (Cincinnati),
Professor of Mathematics and Astronomy and *Director of the Observatory.*

ISABELLA WATSON,[1] B. L. (Carleton),
Professor of French.

FRANZ FREDERICK EXNER, PH. D. (Pennsylvania),
Professor of Inorganic Chemistry.

AXEL EBENEZER VESTLING, PH. D. (Yale),
Dean of Men and *Professor of German.*

CURVIN HENRY GINGRICH, PH. D. (Chicago),
Professor of Mathematics and Astronomy.

WALTER MELVILLE PATTON, PH. D. (Heidelberg), D. D. (Baker),
Professor of Semitic Languages and the History of Religion and *Director of the Library.*

NEIL STANLEY DUNGAY, PH. D. (Chicago),
Professor of Biology.

JOHN ELOF BOODIN, PH. D. (Harvard),
Professor of Mental and Moral Philosophy on the John Chandler Williams Foundation.

GEORGE BENJAMIN WOODS,[1] PH. D. (Harvard),
Professor of English.

*Three grades of faculty ranking are recognized: Professor, assistant professor, and instructor. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the president.

Professors are here listed in the order of their appointment; all others are listed alphabetically.

[1]Sabbatical leave.

MARY LATHROP BENTON,[1] L. H. D. (Smith),
Assistant to the President and *Professor of French.*

ISAAC MERTON COCHRAN, B. A., M. A. (Michigan),
Professor of Public Speaking.

JAMES PYPER BIRD, PH. D (Michigan),
Professor of Romance Languages.

HOWARD ROBINSON, PH. D. (Columbia),
Professor of History.

LEAL AUBREY HEADLEY, PH. D. (Harvard),
Professor of Education and Psychology.

JOHN WESLEY HORNBECK,[2] PH. D. (Illinois),
Professor of Physics.

AMBROSE WHITE VERNON, M. A. (Yale), B. D. (Union Theological Seminary), D. D. (Dartmouth), LL. D. (Colorado),
Professor of Biography.

OSCAR C. HELMING, B. A. (Butler), B. D. (Union Theological Seminary),
Professor of Sociology on the Fred B. Hill Foundation.

CLAUDE J. HUNT, B. A. (DePauw),
Professor of Physical Education for Men and *Director of Athletics.*

EDWARD A. FATH, PH. D. (California),
Professor of Mathematics and Astronomy.

JESSE S. ROBINSON, PH. D. (Johns Hopkins),
Professor of Economics and Business Administration.

JOHN H. GRAY, PH. D. (Halle),
Professor of Economics.

DAVID BRYN JONES, B. Sc., M. A. (University of Wales),
Professor of Economics and Political Science.

IAN B. STOUGHTON HOLBOURN,[3] M. A. (Oxon.),
Professor of the History of Art.

[1]Absent on leave.
[2]Sabbatical leave.
[3]Second Semester.

AZARIAH T. LINCOLN, PH. D. (Wisconsin),
Professor of Chemistry.
THEODORE OTTO WEDEL, PH. D. (Yale),
Professor of English.
BRUNO MEINECKE, PH. D. (Michigan),
Professor of Latin and *Director of the Conservatory.*
CHARLES A. CULVER, PH. D. (Pennsylvania),
Professor of Physics.
HERBERT P. HOUGHTON,[1] PH. D. (Johns Hopkins), LITT. D. (Waynesburg), LL. D. (Ripon),
Professor of Greek.

KENNETH G. T. WEBSTER, PH. D.
Professor of English at Harvard University,
Harvard Exchange Professor.

SUSAN A. BACON, PH. D., (Yale),
Assistant Professor of Romance Languages.
JACOB F. BALZER, B. A. (Carleton), M. A. (Chicago),
Assistant Professor of Biblical Literature on the Fred B. Hill Foundation.
FRED L. BARDWELL,[1] B. S. (Minnesota), S. B. (Massachusetts Institute of Technology),
Assistant Professor of Chemistry.
WENDELL STANTON BROOKS, B. A. (Yale), M. A. (Chicago),
Secretary of the Faculty and *Assistant Professor of Education.*
ROBERT CALDERWOOD, B. A. (Miami),
Assistant Professor of Public Speaking.
FLORENCE H. CHURTON, B. S. (Illinois), M. A. (Columbia),
Assistant Professor of Home Economics.
HERMAN A. CLARK, B. A., M. A. (Michigan),
Assistant Professor of Latin and German.

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[1]Part time.

KEITH CLARK, B. A. (Hamline), M. A. (Minnesota).
Assistant Professor of History.

STEWART GRANT COLE,[1] A. B., TH. B. (McMaster), A. M., D. B. (Chicago),
Assistant Professor of Religious Education.

MARY S. CRAWFORD, PH. D. (Pennsylvania),
Assistant Professor of French.

EVERETTE S. DEAN, A. B. (Indiana),
Assistant Professor of Physical Education for Men.

GERMAINE FERIO, Concours Certificat Langues,
Assistant Professor of French.

STUART MCKLVEEN HUNTER, M. A. (Princeton),
Assistant Professor of English.

JOHN MILLAN, A. B. (Monmouth),
Assistant Professor of Physical Education for Men.

JOHN MUNROE, B. S., M. A. (Carleton),
Assistant Professor of Education.

LUELLA FREDERICKA NORWOOD, B. A., M. A. (Carleton),
Assistant Professor of English.

ELEANOR J. PELLET, PH. B., M. A. (Chicago),
Assistant Professor of Romance Languages.

CHARLES J. RITCHEY, PH. D. (Chicago),
Assistant Professor of History.

EDNA M. ROBINSON, PH. D. (Johns Hopkins),
Assistant Professor of English.

HARVEY E. STORK, PH. D. (Cornell),
Assistant Professor of Botany.

MARION B. WHITE, PH. D. (Chicago),
Dean of Women and *Assistant Professor of Mathematics.*

DONNELL BROOKS YOUNG, B. S. (Amherst), PH. D. (Columbia),
Assistant Professor of Biology.

[1]Part time.

BERTHA A. BENNETT, B. S. (Columbia),
Instructor in Physical Education for Women.

CHARLES WALBRIDGE BROWN, B. A. (Carleton),
Instructor in Chemistry.

MARCUS CHADWICK, B. A. (Michigan),
Instructor in Spanish.

ELIZABETH MITCHELL FESSENDEN, A. B. (Wellesley),
Instructor in English.

EDWARD B. HALL, B. S. (Drury), M. S. (Wisconsin),
Instructor in Geology and Chemistry.

RALPH L. HENRY, B. A., M. A. (Carleton),
Instructor in English.

ALFRED J. HYSLOP, DIP. IN ART (Edinburgh),
Instructor in Art.

RUTH P. KENTZLER, B. A. (Wisconsin),
Instructor in English and Public Speaking.

GERALD ELMER MARSH, B. A. (Carleton),
Instructor in Public Speaking.

META E. SCHMUDLACH, A. B. (Ripon), M. A. (Chicago),
Instructor in History.

GERTRUDE COFFEEN STORK, B. A. (Mills),
Instructor in Physical Education for Women.

LEROY W. YOLTON, B. S. (Illinois Wesleyan), A. M. (Harvard),
Instructor in Biology.

HELEN DANIELS YOUNG, A. B. (Mt. Holyoke),
Instructor in Biology.

EDWARD J. ZAHORIK, B. S. (University of Illinois),
Director of the Men's Gymnasium and *Instructor in Physical Education for Men.*

MAY MOWERY, B. A. (Carleton),
Assistant in Biology.

The Conservatory

Bruno Meinecke, Ph. D. (Michigan),
Director and *Conductor of Orchestra.*

Edward Strong,
Dean and *Professor of Voice.*

Frederick Locke Lawrence, Mus. B. (Northwestern),
Professor of Piano and Composition.

James R. Gillette, Mus. B. (Syracuse),
Professor of Organ and *College Organist.*

Mathew N. Lundquist, A. B. (Potomac),
Assistant Professor of History and Appreciation of Music, Hymnology and Church Music.

Madeline Bryant, Lic. (Royal Academy of Music, London),
Instructor in Violin and Stringed Instruments.

(To Be Appointed)
Instructor in Wind Instruments and *Director of the College Band.*

Margaret Whitney Dow, B. A., Mus. B. (Carleton),
Instructor in Piano and Theory.

Helen Grace Hosmer, Mus. B. (Carleton),
Instructor in Voice.

Bertha Linnell, (Crane Institute of Music),
Instructor in Public School Music.

Helen Priscilla Symons, Mus. B. (Carleton),
Instructor in Piano.

Faculty Representatives

On Arbitration Board of Men's Literary Societies: Mr. Headley, Chairman; Mr. Exner and Mr. Fath.

On Arbitration Board of Women's Literary Societies: Mrs. Catton, Chairman; Miss Norwood and Miss White.

On Forensic Board: Mr. Cochran, Chairman; Mr. Helming.

On Carletonian Council: Mr. Wedel.

Standing Committees of the Faculty, 1923-24

On Registration and Schedule: Mr. Brooks, Chairman; Mr. Gingrich, Mr. Headley, Mr. Hunter, Mr. Vestling, and Miss White.

On Curriculum: Mr. Wilson, Chairman; Mr. Boodin, Mr. Bryn Jones, Mr. Meinecke, and Mr. Vernon.

On Scholarship and the Awarding of Prizes: Mr. Howard Robinson, Chairman; Mr. Bryn Jones, Mr. Houghton, Mr. Exner, and Miss White.

On Scholarship Funds and Student Self-Help: Mr. Dean, Chairman; Mr. Vestling, and Miss White.

On Research: Mr. Lincoln, Chairman; Mr. Boodin, Mr. Culver, Mr. Fath, Mr. Gray, Mr. Patton, and Mr. Howard Robinson.

On Catalog and Other Publications: Mr. Brooks, Chairman; Mr. Bird, and Mr. Patton.

On Auditing Accounts of Student Organizations: Mr. Jesse S. Robinson, Chairman; Mr. Dungay, and Mrs. Catton.

On Social Activities: Mrs. Catton, Chairman; Miss Bennett, Mr. Brooks, Mr. Hunt, Mr. Meinecke, and Mr. Vestling.

On Religious Activities: Mr. Vernon, Chairman; Mr. Balzer, Mr. Bryn Jones, Mr. Helming, Mr. Lawrence, and Mrs. Catton.

On Commencement and Other Public Occasions: Mr Headley, Chairman; Mr. Bird, Mrs. Catton, Mr. Dean and Mr. Strong.

General Information

Bureaus of Information will be maintained on opening days: for women in the main corridor of Gridley Hall; for men in the corridor of the Men's Dormitory. Upon arrival all women should register their names and addresses in the Gridley Hall office. Information may there be obtained from Mrs. Catton.

Opening of Dormitories

Rooms in the college dormitories will not be ready for occupancy before Monday, September 10. The first meal will be served Monday noon.

Housing Committee

Lists of rooms near the campus available for students will be found at the information bureaus—in Gridley Hall main corridor for women, and in the lobby of the Men's Dormitory for men. Some of these rooms may be had for helping with the housework, care of children, tending to the lawn, furnace, etc. All newcomers will be assisted in finding comfortable quarters. Get your room assignment in one of the dormitories or locate a comfortable room in a home near the campus *before* registering for courses. Bring your Northfield address and telephone number to the registration hall.

Registration

Registration for all students will be held on the main floor of the Sayles-Hill Gymnasium, Monday and Tuesday, September 10 and 11. Freshmen should study in advance the section of this Bulletin headed: "Courses of Instruction Open to Freshmen," pages 21 to 31. Write out a program

of studies, subject to the approval of the Registration Committee. Be sure to include the "required courses." See page 21. Complete your program by choosing sufficient electives to make a total of 15 or 16 hours a week.

To avoid conflicts, write down the hour at which each class meets, including laboratory periods. Printed copies of the "Schedule of Recitations" will be available in the Gymnasium on registration days. Make a balanced schedule, with equal work for each recitation day, if possible.

Miss White, Dean of Women, will be in the registration hall and must approve the schedule chosen for each Freshman woman. Dr. Vestling, Dean of Men, must approve the schedule of each Freshman man.

As soon as your selection of courses has been approved in registration hall, go to the Treasurer's Office, 101 Laird Hall, to pay your fees for the First Semester.

Admission Certificates and Examinations

Applications for admission to the Freshman class should be addressed to the Chairman of the Board of Deans accompanied by a transcript of one's high school record.

Applications for advanced standing should be addressed to the office of the Registrar accompanied by a transcript of one's high school and college or normal school record.

Applications for examinations for admission or for advanced standing should be in the office of the Registrar not later than September 1.

Examinations for admission or for advanced standing will be held on Monday, September 10.

Examinations for making up deficiencies will be held on Monday, September 17. Arrangements for these make-up examinations must be made in the office of the Registrar one week in advance.

Opening Week

Carleton College begins its fifty-seventh year Monday, September 10, 1923. Local students and many others living nearby will register on Monday for their first semester courses and receive their room assignments. Tuesday also will be devoted to registration.

On Wednesday every class in the first semester schedule will meet for a 20-minute session with the instructor. It is of the utmost importance that every student attend on Wednesday the meeting of every class which he is to take the first semester. Class rolls will be made up Wednesday, general directions for each course will be announced by the instructors, the texts and necessary equipment will be named. The time at which each class will meet on Wednesday is indicated in the following schedule. Students will avoid confusion by differentiating carefully between Arabic numerals—1, 2, 3, etc., and the Roman numerals—I, II, III, etc., denoting the class periods in the printed schedule of recitations.

Schedule for Wednesday, September 12

1. Periods in Arabic numerals, 1 to 7 inclusive, in forenoon.

2. Periods in Roman numerals, I to VI inclusive, (indicating classes that meet four times a week,) in forenoon.

3. Periods in Arabic numerals, 8 to 14, in afternoon.

TIME	PERIODS
8:00-8:20	1 and I
8:30-8:50	2 and II
9:00-9:20	3 and III
9:30-9:50	4 and IV

Opening Chapel—10:00 a. m.

11:00-11:20 . . . . . 5 and V
11:30-11:50 . . . . . 6 and VI
12:00-12:20 7

Luncheon—12:30 p. m.

1:40-2:00 8
2:10-2:30 9
2:40-3:00 10
3:10-3:30 11
3:40-4:00 12
4:10-4:30 13
4:40-5:00 14

Schedule of Recitations

First Semester, 1923-24

The regular class schedule for the semester will be begun at eight o'clock Thursday morning.

	3-Hour Schedule						4-Hour Schedule					
Hour	M	T	W	Th	F	S	M	T	W	Th	F	S
8:00		1	7	1	7	1		I	I	I		I
9:00		7	2	2	8	2		II	II	II		II
10:30		8	3	8	3	3		III	III		III	III
11:30		4	9	4	4	9		IV		IV	IV	IV
1:40	5	9	5	10	5		V		V	V	V	
2:40	6	10	6	10	6		VI	VI	VI		VI	
3:40	11	13	11	13	11							
4:40	12	14	12	14	12							

Monday forenoon and Saturday afternoon are ordinarily free from recitations.

A student who is registered for one or more courses that meet four hours a week as well as his three-hour courses, will note the following conflicts:

I with 1 and 7—II with 2 and 7—III with 3 and 8—IV with 4 and 9—V with 5 and 10—VI with 6 and 10. *e. g.,* one cannot take a course scheduled for Roman numeral I period and a course scheduled for Arabic numeral 1 or 7.

Attendance

Students are required to attend regularly all college exercises: the classes for which they have registered, laboratory sessions, conferences, daily chapel exercises, and the vesper service.

If a student is absent in one semester more than three times from a two-hour course, more than five times from a three-hour course, or more than six times from a four-hour course he will not be allowed to take the semester examination in that course until after the lapse of one semester, and no grade will be given until that examination is taken.

> NOTE: Absence from class on the day immediately preceding or following a vacation will count as two absences.

If a student is absent in one semester more than four times from the vesper service or more than ten times from the daily chapel exercises, each absence beyond the four or the ten will be counted as two absences on the record for the following semester.

If at any time the absences in one semester, including those carried over (two for one) from the preceding semester, exceed six from the vesper service or fifteen from the daily chapel exercises, the student will be suspended for one semester.

Library

The hours of the Library are from 7:45 a. m. to 12:30 p. m., from 1:00 p. m. to 5:45 p. m. daily except Sunday, and from 6:45 p. m. to 9:45 p. m. each week day except Saturday.

Study Hall

In addition to the reading and reference rooms in Scoville Memorial Library, a study hall is arranged on the first floor of Willis. Students desiring to study in this room will bring whatever books and equipment they need. The room will be regularly under the supervision of an upper classman and it is expected that this arrangement will help particularly the Freshmen in accomplishing the necessary study.

Examinations

Regular examinations are held at the close of each semester; they are conducted chiefly in writing. At the close of the year, the final examination in a year course may cover the subjects of study for the entire year. All students, including Seniors in 1924 and following, will take the final examinations except as provided in the "Candidates for Honors" plan. See catalog page 37. In addition to these regular examinations, tests and written recitations are held frequently during the year, with or without previous notice to the students, as the instructor prefers.

Special examinations to remove conditions may be taken any time after the lapse of three weeks, subject to the approval of the instructor concerned.

Eligibility Requirements

To participate in any intercollegiate or intersociety contest or to represent the College or any class or any society in a public way, a student must be passing in at least twelve credit-hours leading to a collegiate degree. The time for

determining eligibility shall be as follows: for athletic contests, one week before the event; for college plays and oratorical and debating contests, three weeks before the event; for the Orchestra and Glee Club, three weeks before the spring trips.

Until a student shall have been credited upon the college records with at least twelve hours for the preceding semester, he shall be ineligible to participate in any athletic contest except interclass contests; in any debate or oratorical contest except intersociety contests; in the Glee Club or in the Dramatic Club presentations.

Courses of Instruction Open to Freshmen

The following pages list the courses offered Freshmen in the College of Liberal Arts for the year 1923-24.

A year's course is indicated by joining the course numbers for two successive semesters with a hyphen, *e. g.*, 101-102. In general, no credit or only part credit is given for a single semester's work of a year course. No credit will be given for less than a year's work in a beginning language.

Unless otherwise stated, the number of recitations each week is the same as the number of hours credit.

The normal amount of work for a student is 15 or 16 hours a semester in addition to work in physical education; a minimum of 12 hours is required. Students who wish to register for more than 16 hours, exclusive of physical education, choir, orchestra, and *The Carletonian,* must secure in advance the written approval of the Dean. (Ask at the registration desk for a blue "Extra Hours Permit" card.)

Special Fees

Breakage deposit (Biology, Chemistry,[1] Physics) $5.00
Fee for special examination 3.00
Fee for each hour of class work over 17[2] 5.00

Required Subjects in Freshman Year

1. English Composition
2. A Foreign Language
3. A Laboratory Science
4. Physical Education

English composition and physical education are uniform for all Freshmen. The foreign language requirement may be met by taking French, German, Greek, Latin, or Spanish. Choose one of the following laboratory sciences: astronomy, biology, botany, chemistry, physics.

The required course in science may be postponed one year provided the student take in the freshman year either mathematics or ancient language.

Complete List of Courses Open to Freshmen

These are arranged alphabetically. Read thru the entire list carefully before deciding what subjects to take.

Art

Professor Holbourn (Chairman) and Mr. Hyslop

Students will be encouraged to do some studio work in the arts. Before planning their courses in art, students should consult Mr. Holbourn or, in his absence, Mr. Hyslop.

102.* Art in Relation to Life.—The object of this course is to show that art, so far from being an extra adornment or accessory to life, is one of its main fundamentals. The principle of art or creative design is the same, whether applied

[1]See department notice, page 33.
[2]No fee is charged for extra hours in Choir, Band, Orchestra, "The Carletonian," or the required work in Physical Education.
*Offered only in the second semester.

to a piece of furniture, a picture, a city, or life itself. It is the principle of art or design applied to life that distinguishes civilization from barbarism. The course will make a survey, first, of the great epochs of our civilization,—Greece, the Middle Ages, and the Renaissance; and, secondly, of the general principles of art and of their application in town planning, garden and house planning, furniture and furnishing, architecture, sculpture, painting, poetry, music, education, social science, and individual life and character. As the subject of this course is so fundamental it should be taken at an early stage by those majoring or minoring in art. Freshmen, therefore, will be allowed to take it subject to the Instructor's approval. It will also be found the most useful course for seniors or others, who, tho not desiring to major in art, would like to grasp something of the necessity for art in a civilized life. Given annually.

Second Semester—3 hours credit. MR. HOLBOURN

103-104. PRACTICAL ART AND DESIGN.—The department offers studio instruction in drawing, painting, modelling and design. The hours are so arranged that there is considerable elasticity in order to enable students to fit in the work with the rest of their schedule. The instructor will be present in the studio practically every afternoon and, if necessary, the department will arrange for further time.

A minimum regular attendance of three periods of two hours each per week will be reckoned as three hours credit; but students are urged to prolong these periods whenever their other work will permit, as such a small amount of time will not allow much progress being made. Those intending to follow some branch of art as a profession are advised to devote double time. Full credit will be given only to those whose work attains a certain standard. Given annually.

First and Second Semesters—6 hours credit. MR. HYSLOP.

105. MODERN PAINTING AND PICTURE MAKING.—A biographical account of the aims, ideals and progress of painters from the seventeenth century to the present day, including some consideration of the art of picture-making, composition, and the elements of perspective and design.

First Semester.—1 hour credit. MR. HYSLOP

110. PICTURE MAKING.—A short lecture course, dealing solely with the practical problems of course number 105, will be given for those students who are doing actual studio work.

Second Semester—1 hour credit. MR. HYSLOP

Astronomy

PROFESSOR WILSON (CHAIRMAN) AND PROFESSOR FATH

101-102. ELEMENTARY ASTRONOMY.—A course designed to give a knowledge of descriptive astronomy and practice in observing the heavens. No mathematics beyond elementary algebra and geometry will be needed. Regular observations of the sun, moon, planets and selected variable stars will be made. Eleven telescopes of about 3-inch aperture are provided especially for this work. Three hours of class room work and two hours of observational work per week. Fee $2.00 each Semester.

First and Second Semesters.—8 hours credit. MR. FATH

Bible

ASSISTANT PROFESSOR BALZER (CHAIRMAN) AND ASSISTANT PROFESSOR COLE

101. OLD TESTAMENT.—A study of selected parts of the Old Testament in their chronological order. The primary aim of this course is to gain an appreciation of the religious experiences of the Hebrew people.

First Semester.—3 hours credit. MR. BALZER

102. NEW TESTAMENT.—A study of selected parts of the New Testament in their chronological order.

Second Semester.—3 hours credit. MR. BALZER

103. CHRISTIAN FUNDAMENTALS.—The aim of this course will be to discuss the realities of the Christian faith, that the student may have opportunity to work out his religious problems and discover the truths of Christianity for himself.

First Semester.—3 hours credit. MR. COLE.

Biology

PROFESSOR DUNGAY (CHAIRMAN), ASSISTANT PROFESSOR STORK, ASSISTANT PROFESSOR YOUNG, MRS. YOUNG, MISS MOWERY, AND MR. YOLTON

GROUP A—ZOOLOGY

111-112. ANIMAL BIOLOGY.—In this course an attempt is made to give a broad view of the principles of life as applied to the animal kingdom. Emphasis is placed upon the application

of biological truths to human welfare. Two hours class and four hours laboratory. Fee, $5.00 each Semester.

First and Second Semesters.—8 hours credit.

Mr. Young and Mrs. Young

GROUP B—BOTANY

103-104. General Botany.—The history and evolution of the plant groups; the life processes as manifested by plants; the common elements of our plant environments. Fee, $5.00 each Semester.

First and Second Semesters.—8 hours credit. Mr. Stork

Chemistry

Professor Lincoln (Chairman), Professor Exner, Assistant Professor Bardwell, Mr. Hall, and Mr. Brown.

103-104. General Chemistry.—The subject is developed in the light of modern theories by lectures illustrated by experiments. The work in the laboratory consists of experiments developing the general principles of chemistry. Three hours of lectures and class room and four hours of laboratory work per week. Fee, $10.00 per semester.

First and Second Semesters.—8 hours credit.

Mr. Lincoln, Mr. Bardwell, and Mr. Hall

Education

Professor Headley (Chairman), Assistant Professor Brooks, Assistant Professor Munroe, and Members of the Departments which Offer Teachers' Courses

Requirements for Teaching in Minnesota.—For teaching in Minnesota high schools, the Minnesota statutes require fifteen hours of work in Education. This requirement includes observation and practice teaching, as provided in Education 307, and teachers' courses in two subjects. Only courses listed in the department may be counted toward this requirement.

101. How to Study.—An orientation course introducing the student to advantageous methods of mental work. The course includes a consideration of such topics as the use of the library, note-taking, writing examinations, efficient learning, effective remembering, and concentration. Lectures, reports, and class exercises.

First Semester.—3 hours credit.

Mr. Headley and Mr. Munroe

102. How to Study (Logic.)—A continuation of course 101, relating more particularly to the processes of understanding and reasoning.

Second Semester.—3 hours credit.

Mr. Headley and Mr. Munroe

English

Professor Wedel (Chairman), Professor Woods,[1] Assistant Professor Hunter, Assistant Professor Norwood, Assistant Professor Robinson, Miss Fessenden, Mr. Henry, and Miss Kentzler

English 101-102 is required of all Freshmen. Students who make unsatisfactory grades in this course, or who later show themselves deficient in the use of English, are held for further work in English at the discretion of the faculty committee on English.

English 213-214 is required of all students who plan to make either a major or a minor in English.

GROUP A—RHETORIC AND COMPOSITION

101-102. Freshman Composition.—A course which aims to develop the student's power to write correctly and intelligently by leading him to regard writing as a normal habitual activity. Numerous short and long themes, recitations based upon intensive study and collateral reading, and frequent conferences.

First and Second Semesters.—6 hours credit.

Mr. Wedel, Mr. Hunter, Miss Norwood, Miss Robinson, Miss Fessenden, Mr. Henry and Miss Kentzler.

GROUP B—LANGUAGE AND LITERATURE

213-214. Types of Literature.—A study of the principal types of literature,—ballad, epic, lyric, drama, essay, novel, etc.,—their origin and subsequent development in the literature of the leading countries of Europe. The main emphasis is placed upon English literature. The aim of the course is to acquaint the student with the most significant writers and writings of the world and to enable him to find some basis for genuine appreciation of literature.

First and Second Semesters.—6 hours credit.

Mr. Wedel and Mr. Hunter.

[1]Sabbatical leave.

French

PROFESSOR BIRD (CHAIRMAN), MISS WATSON,[1] MISS BACON, MISS FERIO AND MISS CRAWFORD.

101-102. ELEMENTARY FRENCH.—Fundamentals of grammar; study of irregular verbs, easy reading, composition, conversation, dictation.

First and Second Semesters.—8 hours credit.
MISS FERIO AND MISS CRAWFORD

201-202. MODERN FRENCH PROSE.—History, stories, newspaper articles, grammar review, composition, conversation, and dictation. This course is open to Freshmen *who have had two years of French in high school.*

First and Second Semesters.—6 hours credit.
MISS BACON, MISS FERIO AND MISS CRAWFORD

German

PROFESSOR VESTLING (CHAIRMAN), AND ASSISTANT PROFESSOR CLARK

101-102. ELEMENTARY GERMAN.—This course is for those students who have had no German.

First and Second Semesters.—8 hours credit.
MR. VESTLING AND MR. CLARK

201-202. INTERMEDIATE GERMAN.—This course is open to Freshmen *who have had two years of German in high school.*

First and Second Semesters.—6 hours credit. MR. CLARK

History

PROFESSOR ROBINSON (CHAIRMAN), ASSISTANT PROFESSOR RITCHIE, ASSISTANT PROFESSOR KEITH CLARK, AND MISS SCHMUDLACH

101-102. THE MODERN WORLD.—A careful study of European political and social progress from the fifteenth century to the present time, with some reference to its mediaeval background. This course is intended to serve as a basis for advanced work in the department and as an aid in other fields of study, presupposing a general knowledge of European development. This course is required of all students who plan to make either a major or a minor in History.

First and Second Semesters.—6 hours credit.
MR. ROBINSON, MR. RITCHIE, AND MISS SCHMUDLACH

[1]Sabbatical leave.

Latin and Greek

PROFESSOR MEINECKE (CHAIRMAN), PROFESSOR HOUGHTON, AND ASSISTANT PROFESSOR CLARK

REQUIREMENTS FOR MAJOR IN GROUP I.—Latin 11-12 and 21-22, or their equivalent, or two years of Greek, are required of all students who major in Group I.

GROUP A—LATIN

11-12. ELEMENTARY LATIN AND CAESAR.—Grammar, Caesar, composition and easy reading for those who begin Latin in college.
First and Second Semesters.—8 hours credit. MR. CLARK

21-22. SELECTED READINGS FROM CICERO AND VERGIL.—Continuation of course 11-12. Open to Freshmen *who have had two years of Latin in high school.*
First and Second Semesters.—8 hours credit. MR. CLARK

101. CICERO AND CATULLUS.—Cicero, *De Senectute* or *De Amicitia;* selections from Catullus. Open to Freshmen *who have had at least three years of Latin in high school.*
First Semester.—3 hours credit. MR. MEINECKE

102. LIVY; PLAUTUS OR TERENCE.—Selections from Livy, Bks. I, XXI, and XXII; careful study of the history of Rome and of the political conditions that prevailed during the Punic wars. One comedy of Plautus or Terence.
Second Semester.—3 hours credit. MR. MEINECKE

GROUP B—GREEK

101-102. ELEMENTARY GREEK.—This course is for those students who have had no Greek.
First and Second Semesters.—8 hours credit. MR. HOUGHTON

Mathematics

PROFESSOR WILSON (CHAIRMAN), PROFESSOR GINGRICH, PROFESSOR FATH, AND MISS WHITE

103. ALGEBRA.—*For those presenting one unit entrance credit in Algebra.* Review of elementary Algebra, Quadratics, and selected topics from College Algebra.
First Semester.—4 hours credit. MR. FATH AND MR. GINGRICH

104. TRIGONOMETRY.—Plane and Spherical.
Second Semester.—4 hours credit.
MR. FATH AND MR. GINGRICH

107-108. COLLEGE ALGEBRA, TRIGONOMETRY AND ANALYTICAL GEOMETRY.—*For those presenting one and one-half units entrance credit in Algebra.* Review of Algebra and selected topics from College Algebra, Plane Trigonometry, Analytical

Geometry, with special emphasis on the study of the loci of first and second degree equations.

First and Second Semesters.—8 hours credit.

Mr. Gingrich and Miss White

Music

Professor Meinecke (Director), Professor Strong, Professor Lawrence, Professor Gillette, Assistant Professor Lundquist, Miss Bryant, Miss Dow, Miss Linnell, Miss Hosmer, Miss Symons, and Mr. Cason.

College students who are interested in music should familiarize themselves with the advantages offered by the Conservatory of Music. Complete information is available at the Director's office in Music Hall.

All applicants for admission should present themselves at the Director's office for the proper evaluation of their high school credits. The Director will then advise the student as to the proper procedure for registration.

Courses in voice, piano, organ, violin and 'cello, ear training, notation and sight singing are offered to college students. Studies in voice, piano, organ, violin, and 'cello are referred to as "applied music." If the work is of an advanced grade, a maximum of ten hours in applied music is credited toward the requirements for the degree of Bachelor of Arts.

Courses in harmony, counterpoint and composition, history of music, appreciation of music, hymnology and church music, and public school music are open as electives to college students; these courses are credited toward the B. A. degree. Likewise, satisfactory work in the College Band, Choir, or Orchestra may be credited towards the B. A. degree up to a maximum of six semester hours in any one and a maximum of six hours in all. These courses and their respective credits are described in the section of the Carleton College Catalog devoted to the Conservatory of Music, pages 140-162.

Physical Education for Men

Professor Hunt (Chairman), Assistant Professor Dean, Assistant Professor Millan, and Mr. Zahorik; Dr. Joseph Moses, College Physician.

Requirement for Graduation.—Work in physical education is required of all Freshmen, Sophomores, and Juniors. Six credits of an average grade of at least C must be earned by each student before graduation.

Physical Examinations.—At the beginning and at the close of each year, each student is given a thoro physical examination to determine general health condition, physical efficiency, and individual needs. If disabilities are discovered, monthly examinations are given and special corrective work is arranged in place of the regular courses.

Costume Requirements.—Each man is required to have a gymnasium costume consisting of white track suit and tennis shoes.

Swimming Requirements.—Each man is required to meet the following swimming requirements before graduation: (1 and 2) 40-yard swim, using two different strokes; (3) plain running dive; (4) recover a small object in eight feet of water; (5) tow inert body; (6) prepare paper on resuscitation. This test is given in the first semester of the Freshman year, and instruction provided for those unable to qualify.

Athletic Teams.—Teams for intercollegiate competition in football, baseball, basketball, indoor and outdoor track and field athletics, swimming, gymnastic competition, tennis, and cross-country running are formed each year. Students are given credit for participation in athletics during the respective team seasons. In addition, interclass competition in these various branches is held each season. Classes also are formed in fencing, boxing, and wrestling. Special emphasis is placed on a "sports-for-all" program.

101-102. Freshman Course.—Outdoor activities, such as track and field athletics, soccer, volley ball, playground ball, and group games, as long as weather permits. Indoors—(1) marching tactics, calisthenics, and apparatus work; (2) mass competition in athletic events; (3) gymnasium games.

First and Second Semesters.—3 hours a week; 2 hours credit.
Mr. Zahorik.

Physical Education for Women

Miss Bennett (Chairman), and Mrs Stork.

Requirement for Graduation.—Work in physical education is required of all Freshmen, Sophomores, and Juniors. Six credits of an average grade of at least C must be earned by each student before graduation.

Physical Examinations.—At the beginning and at the close of each year, each student is given a thoro physical examination to determine general health condition, physical efficiency, and individual needs. If disabilities are discovered, monthly examinations are given and special corrective work is arranged in place of the regular courses.

COSTUME REQUIREMENTS.—Each woman is required to have a gymnasium costume consisting of black serge bloomers, white middy blouse, and tennis shoes.

101-102. FRESHMAN COURSE.—As long as the weather permits the classes engage in outdoor activities, such as tennis, baseball, group games, field hockey, and soccer. Indoor work includes: general gymnastic exercises, games, folk dancing, and aesthetic dancing.

First and Second Semesters.—3 hours a week; 2 hours credit. MRS. STORK

103-104. THERAPEUTIC GYMNASTICS.—A course arranged for students who are physically unable to take the work of the regular classes.

First and Second Semesters.—2 hours credit. MISS BENNETT

Physics and Engineering

PROFESSOR CULVER (CHAIRMAN)[1] AND PROFESSOR HORNBECK

By suitable choice of courses in other departments, men who major in this department may obtain technical degrees from schools of engineering in two years after graduation from Carleton.

111-112. GENERAL PHYSICS.—A course intended for students who have not taken analytical geometry. The emphasis is laid upon the physical meaning of the principles, and the use of mathematics is reduced as much as possible for a course of college grade. Demonstration lectures and recitations three times a week, and one two-hour laboratory period. Textbook: Spinney's *Text-Book of Physics.* This course meets the physics requirement in medical schools. Open to Freshmen. Fee, $5.00 each semester.

First and Second Semesters.—8 hours credit. MR. CULVER

Public Speaking

PROFESSOR COCHRAN (CHAIRMAN), ASSISTANT PROFESSOR CALDERWOOD, MR. MARSH, AND MISS KENTZLER

101-102. INTRODUCTION TO PUBLIC SPEAKING.—Study and application of fundamental principles of oral expression, with much practice in the delivery of literary masterpieces.

First and Second Semesters.—6 hours credit.
MR. CALDERWOOD, MR. MARSH, AND MISS KENTZLER.

[1]Chairman in absence of Professor Hornbeck on sabbatical leave.

Spanish

PROFESSOR BIRD (CHAIRMAN), MR. CHADWICK, MISS BACON, AND MISS PELLET

101-102. ELEMENTARY SPANISH.—Grammar, oral work, and easy reading. Reading of modern prose and plays with practice in dictation, writing, and speaking.

First and Second Semesters.—8 hours credit.

MR. CHADWICK AND MISS BACON

201-202. MODERN PROSE AND POETRY.—A thoro grammar review, with composition and conversation. Stories, reports, memory work, and newspapers. Open to Freshmen *who have had two years of Spanish in high school.*

First and Second Semesters.—6 hours credit.

MR. BIRD AND MR. CHADWICK

Departmental Announcements

Supplementing the announcements made in the catalog of March, 1923.

Biology

391-392. HUMAN ANATOMY.—A brief dissection of some mammal followed by the study of the human body by means of texts, charts, models, and the living body itself. Emphasis is placed upon the recognition of structures in the intact living body and upon the facts most useful to students of physical education and nursing. Individual needs will be met as far as possible. Laboratory hours arranged for small groups. Permission of instructor required before registering.

First and Second Semesters.—4 hours credit.

MR. DUNGAY

Chemistry

203-204. ANALYTICAL CHEMISTRY.—A general elementary course in quantitative analysis consisting of work in gravimetric, volumetric, and electrolytic analysis. One hour

of class and six hours of laboratory work per week. Also one hour of class room work per week on the theory and methods of qualitative analysis. Two hours credit. Prerequisite, Chemistry 103-104 or 101-102.

Those who have had Chemistry 201-202 will not take the work in qualitative analysis, but the quantitative work only, with six hours credit.

There will be two sections in the class room and two sections in the laboratory. Fee, $12.00 per semester.

First and Second Semesters.—8 hours credit.

Mr. Exner and Mr. Brown

309-310. Popular Introduction to Chemistry.—This course presents in a semi-popular manner the relations of chemistry to the Arts, Sciences, and Industries. It is intended for those who have not had chemistry, and particularly for Seniors who desire information concerning the chemistry of common things, of the principal industrial processes as well as of the articles of commerce in daily use. Three illustrated lectures a week with assigned readings but no laboratory work.

First and Second Semesters.—6 hours credit.

Mr. Lincoln

Fees

The method of making deposits with the treasurer for Chemistry Fees has been modified. There will be one deposit to cover the former fee and breakage deposits.

It has been arranged that each laboratory course will have a fixed charge for one hour laboratory credit for each course per semester, as follows: General Chemistry $2.50, Analytical Chemistry $2.50, Organic Chemistry $3.00, Physical Chemistry $2.50, Teachers' Course $2.00.

The deposit for the course is to cover the fixed charges per laboratory hour credit, the estimated breakage and

rentals. The excess deposit will be refunded at the end of the year. The total deposits for the various Chemical Laboratory courses are as follows:

General Chemistry .....$10.00 per semester
Analytical Chemistry ...$12.00 per semester
Organic Chemistry .....$15.00 per semester
Physical Chemistry .....$10.00 per semester
Teachers' Course .....$ 3.00 per semester

All students, upon registration for courses in chemistry, will present their registration cards to the representative of the Chemical Department and receive their Deposit Card which must be taken to the Treasurer for his signature. This receipted card must be presented to the instructor at the time of assignment of laboratory desks and no desk will be assigned until this card has been properly signed by the Treasurer.

English

317-318. The English Drama.—A study of the developments in technique, plot, characterization, and purpose, with greatest emphasis upon Shakespere's contemporaries and the present changing era in dramatic theories and work. Specimens of miracle plays, moralities, and interludes are read, as well as representative plays of the leading English dramatists.

First and Second Semesters.—6 hours credit.

Mr. Hunter

323-324. Nineteenth Century Prose.—A study of the thought of the nineteenth century as reflected principally in the writings of Mill, Carlyle, Ruskin, Newman, Arnold, Pater, Stevenson, and others.

First and Second Semesters.—6 hours credit. Mr. Wedel

325. Victorian Poetry.—A study of the poetry of the Victorian period, with especial attention to Tennyson,

Browning, Arnold, Rossetti, Swinburne, and Morris.

First Semester.—3 hours credit. Miss Norwood

History

323. The Near East.—A careful analysis of the forces and conditions that have led to the gradual disintegration of the Turkish Empire in Europe, and to the development of nationality in the Balkans.

First Semester.—3 hours credit. Mr. Ritchie

339. Historical Literature and Method.—A critical study of the great historians, and of the development in the writing and the study of history. Intended as training in the methods of historical study. Lectures, readings, and reports.

First Semester.—2 hours credit. Mr. Robinson

Home Economics

The work of this department is planned primarily to prepare teachers for the extension of home economics; to prepare women for the responsibilities of homemaking; to furnish the foundation for those who desire to specialize in some particular field, such as nutrition, dietetics, home economics extension work, institutional management, public health work, costume designing and interior decoration.

301-302. Food. A study of the kinds, uses and composition of foods; the effect of heat, cold and fermentation; manufacturing processes; economics of the food problem; selection and preparation; combinations in the diet. One hour of lecture and four hours of laboratory work a week. Prerequisites: Chemistry 101-102 or 103-104. Deposit $4.00 for each semester.

First and Second Semesters.—6 hours credit.

Miss Churton

303. Textiles. A consideration of the production, properties and values of the important textile fibers (cotton,

linen, wool and silk); the manufacture of materials made from them; the development of the textile industry; microscopical examinations and chemical tests of fibers and fabrics; care of materials. Two hours of lecture and two hours of laboratory work a week. Fee $2.00.

First Semester.—3 hours credit. MISS CHURTON

304. COSTUME DESIGN AND CONSTRUCTION. A study of clothing including the application of the principles of design to dress, an introduction to the history of costume, the choice of materials from the hygienic and economic viewpoints, and the construction and care of clothing. One hour of lecture and four hours of laboratory work a week. Prerequisites: Home Economics 303; Art 103-104. Fee, $2.00.

Second Semester.—3 hours credit. MISS CHURTON

305. THE HOUSE. A study of the development of the present-day type of shelter; situation, construction and surroundings of the house; heating, lighting, ventilating, water supply and drainage; house plans. Two hours of lecture and two hours of laboratory work a week.

First Semester.—3 hours credit. MISS CHURTON

306. HOUSE FURNISHINGS. A study of furnishings from the artistic, economic, sanitary and historic viewpoints. Two hours of lecture and two hours of laboratory work a week. Prerequisites: Home Economics 305; Art 103-104.

Second Semester.—3 hours credit. MISS CHURTON

Latin

203. EPISTOLARY LATIN.—Cicero and Pliny. Studies upon assigned topics connected with Cicero's private life. Lectures and discussions on the social life of Rome under the Republic and Empire.

First Semester.—3 hours credit. MR. MEINECKE

204. Latin Poetry.—A survey of representative Latin poets. Special attention is given to the artistic and literary content. This course may be counted towards a major in Art. Prerequisite, Latin 101 and 201.

Second Semester.—3 hours credit. Mr. Meinecke

Public Speaking

211. Dramatic Production.—A study of the principles and technique of dramatic production with practice in the staging of plays. One-act plays will be used as laboratory material to demonstrate theories of costume, scenery and lighting.

First Semester.—3 hours credit. Miss Kentzler

New Faculty Appointments, 1923-24

Charles A. Culver, Professor of Physics. B. S., Carleton College, 1902; Ph. D., University of Pennsylvania; Member Institute of Radio Engineers; Fellow, Institute of Electrical Engineers. Chief High Frequency Engineer with Canadian Radio Corporation. Dr. Culver was for many years Head of the Department of Physics at Beloit College.

Herbert P. Houghton, Professor of Greek. A. B., Amherst, 1901; A. M., 1904; Ph. D., Johns Hopkins, 1907; Litt. D., Waynesburg, 1918; LL. D., Ripon, 1919; Phi Beta Kappa. Dr. Houghton was for some time President of Carroll College, Waukesha, Wisconsin, and lately Assistant Rector, St. Paul's Episcopal Church of Milwaukee.

Susan A. Bacon, Assistant Professor in the Department of Romance Languages. B. A., Mount Holyoke, 1905; Ph. D., Yale, 1911. Miss Bacon has taught at Colorado College, Mount Holyoke, and Reed College. She has been studying and travelling abroad for the past two years.

Selden Bacon, a graduate of Carleton in the class of 1882, is a brother.

Florence Helen Churton, Assistant Professor in the Department of Home Economics. Pratt Institute, Brooklyn, N. Y., two year course, 1907-09; University of Illinois, B. S., 1917; M. A., Columbia University, 1922; member of Omicron Nu, honorary Home Economics Society. Miss Churton taught at Pratt Institute, 1909-10; Morrisville Agricultural School, 1910-13; Illinois Woman's College, 1913-14; University of Illinois, 1914-21; University of California, Southern Branch at Los Angeles, 1922-23.

Herman A. Clark, Assistant Professor of Latin and German. A. B., University of Michigan, 1909; A. M., 1910; Phi Beta Kappa. Graduate Fellow in Greek at the University of Wisconsin, 1913-15. Professor Clark taught at Crystal Falls High School, Michigan, 1910-13; and was Assistant Professor, then Professor of Latin, University of Oregon, 1915-22.

Keith Clark, Assistant Professor in the Department of History and Political Science. B. A., Hamline, 1898; M. A., University of Minnesota, 1922; Oxford, England, Summer School, 1913; Georgetown University, 1920-21; Institute of Politics, Williamstown, 1921. Director of Publicity, Y. W. C. A. in France, 1918-20, in France, England, Belgium, Italy, occupied Germany, Algiers. Miss Clark made a survey of the Universities in countries named above. She was a delegate to the National Council of French Women, Strasbourg, 1919. She will also be the Director of the College News Bureau.

Stewart Grant Cole, Assistant Professor of Religious Education. A. B., Th. B. McMaster University, Toronto. A. M., D. B. Chicago. At McMaster Mr. Cole engaged in football and basketball, was a member of the intercollegiate debating team and gold medalist in public speaking. He

was chosen president of the Student Body. Professor Cole comes to Carleton after a dozen years' experience as teacher and preacher in Canada and the Middle West.

Mary Sinclair Crawford, Assistant Professor in the Department of Romance Languages. A. B., Wilson College; Ph. D., University of Pennsylvania, 1923. Dr. Crawford taught at Barber Memorial Seminary, two years; the Misses Timslow's School, one year; Head of the French Department at King-Crawford Classical School, ten years; Dean and Head of Department, Girton School, two years; Bryn Mawr College, 1919-22. Executive Secretary, Department of Women in Industry of Pennsylvania, Council of National Defense, two years; War Camp Community Service, one year. Miss Crawford has spent many summers abroad.

Germaine Ferio, Assistant Professor in the Department of Romance Languages. Miss Ferio is a native of France and during the past two years she has taught French at Smith College.

Ruth P. Kentzler, Instructor in the Department of English and Public Speaking. B. A., University of Wisconsin, 1917; American Academy of Dramatic Art; School of the Theatre, New York. Miss Kentzler taught in the High School of Rapid City, South Dakota, 1917-19; Iowa State College, one year; High School of Maywood, Illinois, two years; and in the Western State Normal School at Kalamazoo, Michigan, one summer session.

John Millan, Assistant Professor in the Department of Physical Education for Men, is a graduate of Monmouth College, comes to Carleton from Rose Polytechnic Institute, Terre Haute, Indiana, where he has had charge of athletics and Physical Education.

John Munroe, who has been spending the past year in graduate study at the University of Chicago, will return as Assistant Professor of Education.

Luella F. Norwood returns to Carleton as Assistant Professor of English after a year's graduate work at Yale.

Eleanor J. Pellet, Assistant Professor in the Department of Romance Languages. Ph. B., Chicago University, 1917; A. M. 1919. One year of graduate work, University of Chicago, one year at Johns Hopkins University. Student Sorbonne, Paris. Experience in teaching includes one year in the University of Chicago and two years at Goucher College, in French. Head of Italian Section three years.

Edna Robinson, Assistant Professor of English. A. M., University of Chicago, 1915; Ph. D., Johns Hopkins, 1917. Dr. Robinson has been head of the English Department of Hardin College of Missouri, and of Mount Morris College of Illinois. She has traveled thru England, France, Germany, and Switzerland, and attended the University of Berlin one summer. For the last four years Dr. Robinson has been head of the English Department and Dean of Women, at Whitworth College, Spokane, Washington. She is the author of "Tennyson's Use of the Bible."

LeRoy W. Yolton, Instructor in the Department of Biology. B. S., Illinois Wesleyan University, 1921; University of Michigan, 1921-22, A. M., Harvard University, 1923. Assistant in Zoology, Illinois Wesleyan 1919-21, and at University of Michigan, 1921-22.

E. J. Zahorik, coming to Carleton as Director of the Gymnasium for Men, was graduated from University of Illinois with the B. S. degree. Mr. Zahorik has been on the faculty of the Kansas State Teachers College.

The Conservatory faculty includes two new names for the coming year:

James R. Gillette, Mus. B. (Syracuse), for the last four years municipal organist at Evansville, Indiana, is to be Professor of Organ at Carleton. Mr. Gillette, a graduate of Syracuse University, is a well-known American organist

and composer and has appeared in numerous recitals and concerts thruout the country. He has done extended graduate work and has scored compositions for organ, voice, orchestra and piano that are widely used. Critics of note regard him as a recitalist of exceptional merit. Besides appearing as soloist with the Minneapolis Symphony Orchestra, he has given numerous recitals at the various annual conventions of the National Association of Organists, leading colleges and universities, and three hundred programs on his organ at Evansville.

Matthew N. Lundquist, son of Rev. Dr. Johannes Lundquist, Parish Rector in the State Church of Sweden, Gothenburg, has been appointed as Assistant Professor of History and Appreciation of Music, Hymnology and Church Music. Professor Lundquist has studied at Augustana College, Tufts College and Harvard University, and secured his degree from Potomac College. He was also a student at the Chicago Musical College and spent one summer under Emil Sjogren in Sweden, and two summers under Heinrich Pfitzner, for many years head of the Department of Theory of Music at Stern Conservatory, Berlin. Mr. Lundquist has taught in several colleges and was recently Director of the Conservatory at Gustavus Adolphus College. He has had marked success as Conductor of large Oratorio choruses and college Glee Clubs, and has likewise made several important contributions to various papers and magazines in Hymnology, Liturgics, and Church Music.

Harvard Exchange Professor

K. G. T. Webster, Harvard Exchange Professor, 1923-24, Department of English. Professor Webster comes from Harvard to Carleton for the month of October and announces as his course title: "English Life and Literature in

the Middle Ages." As in former years with the visits of the Harvard Exchange Professor, students may attend the lectures with a view to receiving credit toward graduation upon passing a satisfactory examination.

Carleton Football Schedule—1923

September 29—Gustavus Adolphus College at Northfield.
October 6—River Falls Normal at Northfield.
October 13—Macalester College at St. Paul.
October 20—Knox College at Galesburg.
October 27—St. Olaf College at St. Olaf.
November 3—Open.
November 10—Hamline University at Northfield.
November 17—University of North Dakota at Northfield.

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ANNOUNCEMENT NUMBER

For the College Year

1924-1925

Including

Directions for New Students

NORTHFIELD, MINNESOTA

Administrative Officers---1924-25

DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker), LL. D. (Knox, Williams, Oberlin, Beloit, and Drury),
President on the Martha Walker Wilkinson Foundation.

FREDERICK JOY FAIRBANK, B. A. (Illinois College), M. A. (Yale),
Treasurer.

EDWIN BLANCHARD DEAN, M. A. (Amherst), B. D. (Chicago Theological Seminary), D. D. (Doane),
Assistant to the President and *Chairman of the Board of Deans.*

PETER OLESEN, M. A. (Hamline),
Registrar and *Director of Bureau of Appointments.*

BRUNO MEINECKE, PH. D. (Michigan),
Director of the Conservatory of Music.

AXEL EBENEZER VESTLING, PH. D. (Yale),
Dean of Men.

MARY SINCLAIR CRAWFORD, PH D. (Pennsylvania),
Dean of Women.

MRS. ADELLA M. CATTON,
Assistant Dean of Women.

WALTER MELVILLE PATTON, PH. D. (Heidelberg), D. D. (Baker),
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Associate Director of the Library.

ALICE V. STEFFENS
Assistant in charge of Reserve Room.

STELLA STEBBINS
Cataloguer.

D. BLAKE STEWART
Superintendent of Grounds, Buildings and Equipment.

W. S. HUGHES
Manager of the College Farm.

FLORENCE HELEN CHURTON, B. S. (Illinois), M. A. (Columbia),
Superintendent of Women's Dormitories.

MRS. WELLINGTON M. POWERS
Assistant Superintendent of Women's Dormitories.

ANNE M. WALKER
Superintendent of Men's Dormitories.

MRS. GERTRUDE PETERS
Superintendent of the College Hospital.

MRS. ANNA C. HOW
Resident Head of Williams Lodge.

MRS. STUART MCKLVEEN HUNTER
Resident Head of Sperry Lodge.

To be appointed.
Resident Head of Huntington Lodge.

EMILIE HARRIS, B. S. (Ripon),
Resident Head of Lincoln Lodge.

LESLIE H. DAHL,
Resident Head of Prentice House.

MRS. HELEN THOMPSON GILL
Resident Head of Dean Lodge.

To be appointed.
Resident Head of Seccombe Lodge.

RUTH D. DEEN, B. A. (Carleton),
Recorder.

OLIVE MAY HAWVER
Secretary to the Director of Observatory.

ELLA F. HOPKINS
Secretary to the Chairman of the Board of Deans.

MARION J. KINGMAN
Assistant in the Office of the Treasurer.

FANNIE M. KUHN
Assistant in the Office of the Treasurer.

RUTH E. LITTLE
Assistant in the Office of Chairman of the Board of Deans.

MRS. ROYAL H. MOSES
Assistant to the Treasurer.

DOROTHY PATTEE
Secretary to the President.

ALMA M. ROISUM
Secretary to the Director of the Conservatory.

HOLMES AND FLINN, 8 South Dearborn Street, Chicago,
Architects.

The Faculty 1924-25*

The College

Donald John Cowling, Ph. D. (Yale), D. D. (Baker), LL.D. (Knox, Williams, Oberlin, Beloit, and Drury),
President on the Martha Walker Wilkinson Foundation and *Professor of Philosophy.*

Herbert Couper Wilson, Ph. D. (Cincinnati),
Professor of Mathematics and Astronomy and *Director of the Observatory.*

Isabella Watson, B. L. (Carleton),
Professor of French.

Franz Frederick Exner, Ph. D. (Pennsylvania),
Professor of Inorganic Chemistry.

Axel Ebenezer Vestling, Ph. D. (Yale),
Dean of Men and *Professor of German.*

Curvin Henry Gingrich, Ph. D. (Chicago),
Professor of Mathematics and Astronomy.

Walter Melville Patton, Ph. D. (Heidelberg), D. D. (Baker),
Professor of Semitic Languages and the History of Religion and *Director of the Library.*

Neil Stanley Dungay,[1] Ph. D. (Chicago),
Professor of Biology.

John Elof Boodin, Ph. D. (Harvard),
Professor of Mental and Moral Philosophy on the John Chandler Williams Foundation.

George Benjamin Woods, Ph. D. (Harvard),
Professor of English.

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*Three grades of faculty ranking are recognized: Professor, assistant professor, and instructor. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the President.

Professors are here listed in the order of their appointment; all others are listed alphabetically.

[1]Sabbatical leave.

MARY LATHROP BENTON,[1] L. H. D. (Smith),
Assistant to the President and *Professor of French.*

ISAAC MERTON COCHRAN, B. A., M. A. (Michigan),
Professor of Public Speaking.

JAMES PYPER BIRD, PH. D. (Michigan),
Professor of Romance Languages.

LEAL AUBREY HEADLEY,[2] PH. D. (Harvard),
Professor of Education and Psychology.

JOHN WESLEY HORNBECK, PH. D. (Illinois),
Professor of Physics.

OSCAR C. HELMING, B. A. (Butler), B. D. (Union Theological Seminary),
Professor of Sociology on the Fred B. Hill Foundation.

CLAUDE J. HUNT, B. A. (DePauw),
Professor of Physical Education for Men and *Director of Athletics.*

EDWARD A. FATH, PH. D. (California),
Professor of Mathematics and Astronomy.

JESSE S. ROBINSON, PH. D. (Johns Hopkins),
Professor of Economics and Business Administration.

JOHN H. GRAY, PH. D. (Halle),
Professor of Economics.

DAVID BRYN JONES,[3] B. Sc., M. A. (University of Wales),
Professor of Economics and Political Science.

IAN B. STOUGHTON HOLBOURN,[4] M. A. (Oxon.),
Professor of the History of Art.

AZARIAH T. LINCOLN, PH. D. (Wisconsin),
Professor of Chemistry.

THEODORE OTTO WEDEL, PH. D. (Yale),
Professor of English

1Absent on leave.
2Sabbatical leave.
3Part time.
4Second Semester.

BRUNO MEINECKE, PH. D. (Michigan),
Professor of Latin and Director of the Conservatory.

CHARLES A. CULVER, PH. D. (Pennsylvania),
Professor of Physics.

HERBERT PIERREPONT HOUGHTON,[1] PH. D. (Johns Hopkins), Litt.D. (Waynesburg), LL.D., (Ripon),
Professor of Greek.

ALBERT PARKER FITCH, A. B. (Harvard), B. D. (Union Theological Seminary), D. D. (Amherst, Williams),
Professor of the History of Religion.

CLYDE A. DUNIWAY, PH. D. (Harvard), LL. D. (Colorado and Denver),
Professor of History.

WILLIAM SCOTT FERGUSON, PH. D.
Professor of Ancient History at Harvard University,
Harvard Exchange Professor.

SUSAN A. BACON, PH. D., (Yale),
Assistant Professor of Romance Languages.

JACOB F. BALZER, B. A. (Carleton), M. A. (Chicago),
Assistant Professor of Biblical Literature on the Fred B. Hill Foundation.

FRED L. BARDWELL,[1] B. S. (Minnesota), S. B. (Massachusetts Institute of Technology),
Assistant Professor of Chemistry.

ROBERT CALDERWOOD, B. A. (Miami),
Assistant Professor of Public Speaking.

FLORENCE H. CHURTON, B.S. (Illinois), M.A. (Columbia),
Assistant Professor of Home Economics and Superintendent of Women's Dormitories.

HERMAN A. CLARK, B. A., M. A. (Michigan),
Assistant Professor of Latin and German.

KEITH CLARK, M. A. (Minnesota),
Assistant Professor of History.

[1]Part time.

MARY SINCLAIR CRAWFORD, PH. D. (Pennsylvania),
Dean of Women and Assistant Professor of French.

GERMAINE FERIO, Concours Certificat Langues,
Assistant Professor of French.

LUCILE FRANCHÈRE, B. A. (Iowa),
Assistant Professor of Romance Languages.

STUART MCKLVEEN HUNTER, M. A. (Princeton),
Assistant Professor of English.

ALFRED J. HYSLOP, Diploma in Art (Edinburgh),
Assistant Professor of Art.

JOHN MILLEN, A. B. (Monmouth),
Assistant Professor of Physical Education for Men, and Director of the Men's Gymnasium.

JOHN MUNROE, B. S., M. A. (Carleton),
Assistant Professor of Education.

PETER OLESEN, M. A. (Hamline),
Assistant Professor of Education, Registrar and Secretary of the Faculty.

ELEANOR J. PELLET,[2] PH. B., M. A. (Chicago),
Assistant Professor of Romance Languages.

CHARLES J. RITCHEY, PH. D. (Chicago),
Assistant Professor of History.

EDNA M. ROBINSON, PH. D. (Johns Hopkins),
Assistant Professor of English.

HARVEY E. STORK, PH. D. (Cornell),
Assistant Professor of Botany.

MARION B. WHITE, PH. D. (Chicago),
Assistant Professor of Mathematics.

DONNELL BROOKS YOUNG, B. S. (Amherst), PH. D. (Columbia),
Assistant Professor of Biology.

DOROTHY DEVITT, A. B. (Carleton),
Instructor in Physical Education for Women.

ELIZABETH MITCHELL FESSENDEN, A. B. (Wellesley),
Instructor in English.

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[2]Second Semester.

RUTH C. FIELD, B. A. (Carleton),
Instructor in Physical Education.

EDWARD B. HALL, B. S. (Drury), M. S. (Wisconsin),
Instructor in Geology and Chemistry.

RALPH L. HENRY, B. A., M. A. (Carleton),
Instructor in English.

THOMAS JOB, B. A., (University of Wales),
Instructor in English.

RUTH P. KENTZLER, B. A. (Wisconsin),
Instructor in Public Speaking.

MARY R. SHAW,
Instructor in Art.

LEROY W. YOLTON, B. S. (Illinois Wesleyan), A. M. (Harvard),
Instructor in Biology.

HELEN DANIELS YOUNG, A. B. (Mt. Holyoke),
Instructor in Biology.

MRS. NORA MCEWEN JACKSON,[1] Graduate New York School of Applied and Fine Arts, B. A. (U. of Minn.),
Assistant in Art.

MAY MOWERY, B. A. (Carleton),
Assistant in Biology.

DOROTHY L. STAHMER,
Assistant in Physical Education for Women.

The Conservatory

BRUNO MEINECKE, PH. D. (Michigan),
Director and *Professor of History and Application of Music.*

FREDERICK LOCKE LAWRENCE, MUS. B. (Northwestern),
Professor of Piano and Composition.

JAMES ROBERT GILLETTE, MUS. B. (Syracuse),
Professor of Organ and ***College Organist.***

MRS. FLORENCE HEDSTRUM MORSBACH,
Assistant Professor of Voice.

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[1]Part time.

MARIE SLOSS,
Assistant Professor of Piano.

MADELINE BRYANT, LIC. (Royal Academy of Music, London),
Instructor in Violin and Stringed Instruments.

HELEN G. HOSMER, Mus. B. (Carleton),
Instructor in Voice.

HELEN P. SYMONS, Mus. B. (Carleton),
Instructor in Piano.

S. EDITH TAYLOR, (Crane Institute of Music),
Instructor in Public School Music.

Faculty Representatives

On Arbitration Board of Men's Literary Societies: Mr. Fath, Chairman; Mr. Balzer, and Mr. Exner.

On Arbitration Board of Women's Literary Societies: Mrs. Catton, Chairman; Miss Crawford and Miss White.

On Forensic Board: Mr. Cochran, Chairman; Mr. Helming.

On Carletonian Council: Mr. Wedel.

Standing Committees of the Faculty, 1924-25

On Registration and Schedule: Mr. Olesen, Chairman; Miss Crawford, Mr. Gingrich, Mr. Hunter, Mr. Vestling, Miss White, and Mr. Woods.

On Curriculum: Mr. Wilson, Chairman; Mr. Boodin, Mr. Bryn-Jones, Mr. Duniway, and Mr. Meinecke.

On Scholarship and the Awarding of Prizes: Mr. Woods, Chairman; Mr. Exner, Mr. Houghton, Mr. Munroe, Mr. Wedell, and Miss White.

On Scholarship Funds and Student Self-Help: Mr. Dean, Chairman; Miss Crawford, and Mr. Vestling.

On Research: Mr. Lincoln, Chairman; Mr. Boodin, Mr. Culver, Mr. Fath, Mr. Gray, Mr. Patton.

On Catalog and Other Publications: Mr. Olesen, Chairman; Mr. Bird, and Mr. Patton.

On Auditing Accounts of Student Organizations: Mr. Robinson, Chairman; Mrs. Catton, and Mr. Hornbeck.

On Social Activities: Miss Crawford, Chairman; Miss Devitt, Mr. Hunt, Mr. Meinecke, Mr. Olesen, and Mr. Vestling.

On Religious Activities: Mr. Helming, Chairman; Mr. Balzer, Mrs. Catton, Mr. Fitch, Mr. Lawrence, and Miss Watson.

On Commencement and Other Public Occasions: Mr. Culver, Chairman; Mr. Bird, Miss Crawford, Mr. Dean, Mr. Gillette, and Miss Watson.

Officers of the Alumni Association
1924-1925

President: C. Whit Pfeiffer, '12.

First Vice-President: Violet Atchison Barlow, '14.

Second Vice-President: Dr. H. E. Robertson, '99.

Third Vice-President: Walter Sprandel, '24.

Director for Three Years: C. A. Culver, '02.

Director for Two Years: H. C. Wilson, '79.

Director for One Year: Louise E. Schutz, '07.

Directory of Offices

OFFICE	ROOM	HALL	PHONE.
President	111	Laird	100
Assistant to the President	106	Leighton	348
Registrar and Secretary	105	Leighton	156-J
Treasurer	101	Laird	111-J
Chairman of Deans	106	Leighton	348
Director of Conservatory	110	Music	415
Dean of Men	114	West Hall	755
Dean of Women		Nourse	368
Bureau of Appointments	105	Leighton	156-J
Director of Library	102	Scoville	57-J
Director of Athletics	102	Sayles-Hill	376-J
Director of Radio Station	204	Laird	111-L

General Information

Bureaus of Information will be maintained on opening days: for women in the main corridor of Gridley Hall; for men in the corridor of West Hall. Upon arrival all women should register their names and addresses in the Gridley Hall office. Information may there be obtained from Mrs. Catton.

Baggage should be checked with name of dormitory to which students have been assigned. Women should verify their room assignment, before taking possession, at the office of Mrs. Catton, Gridley Hall. The men should secure their room keys from Miss Walker, the superintendent of Men's dormitories, West Hall.

Opening of Dormitories

Rooms in the college dormitories will not be ready for occupancy before Monday, September 8. The first meal will be served Monday noon.

Housing Committee

Lists of rooms near the campus available for students will be found at the information bureaus—in Gridley Hall main corridor for women, and in the lobby of West Hall. Some of these rooms may be had for helping with the housework, care of children, tending to the lawn, furnace, etc. All new students will be assisted in finding rooms. Arrangements for rooms should be made before registering. *Bring your Northfield address and telephone number to the registration hall.*

Registration

Registration for all students will be held on the main floor of the Sayles-Hill Gymnasium, Monday and Tuesday, September 8 and 9. Freshmen should study in advance the section of this Bulletin headed: "Courses of Instruction

Open to Freshmen," pages 19 to 28. Write out a program of studies, subject to the approval of the Registration Committee. *Be sure to include the "required courses."* See page 19. Complete your program by choosing sufficient electives to make a total of 15 or 16 hours a week.

To avoid conflicts, write down the hour at which each class meets, including laboratory periods. Printed copies of the "Schedule of Recitations" will be available in the Gymnasium on registration days. Make a balanced schedule, with equal work for each recitation day, if possible.

Miss Crawford, Dean of Women, must approve the schedule chosen for each Freshman woman. Dr. Vestling, Dean of Men, must approve the schedule of each Freshman man. Both Miss Crawford and Dean Vestling will be in the registration hall.

As soon as your selection of courses has been approved in registration hall, go to the Treasurer's Office, 101 Laird Hall, to pay your fees for the First Semester.

Matters of loans and scholarships not previously arranged for must be settled by Dr. Dean, 106 Leighton Hall, before you visit the Treasurer's office. For the first week, Dr. Dean's office hours will be from 9 to 12 a. m., and from 2 to 4 p. m.

Admission Certificates and Examinations

Applications for admission to the Freshman class should be addressed to the Chairman of the Board of Deans accompanied by a transcript of one's high school record.

Applications for advanced standing should be addressed to the office of the Registrar accompanied by a transcript of one's high school and college or normal school record.

Applications for examinations for admission or for advanced standing should be in the office of the Registrar not later than September 1.

Examinations for admission or for advanced standing will be held on Monday, September 8.

Examinations for making up deficiencies will be held on Monday, September 15. Arrangements for these make-up examinations must be made in the office of the Registrar one week in advance.

Opening Week

Carleton College begins its fifty-eighth year Monday, September 8, 1924. Students will register on Monday and Tuesday for their first semester courses and receive their room assignments.

On Wednesday every class in the first semester schedule will meet for a 20-minute session with the instructor. It is of the utmost importance that every student attend on Wednesday the meeting of every class which he is to take the first semester. Class rolls will be made up Wednesday, general directions for each course will be announced by the instructors, the texts and necessary equipment will be named. The time at which each class will meet on Wednesday is indicated in the following schedule. Students will avoid confusion by differentiating carefully between Arabic numerals—1, 2, 3, etc., and the Roman numerals—I, II, III, etc., denoting the class periods in the printed schedule of recitations.

Schedule for Wednesday, September 10

1. Periods in Arabic numerals, 1 to 7 inclusive, in forenoon.
2. Periods in Roman numerals, I to VI inclusive, (indicating classes that meet four times a week) in forenoon.
3. Periods in Arabic numerals, 8 to 14, in afternoon.

TIME	PERIODS
8:00-8:20	1 and I
8:30-8:50	2 and II
9:00-9:20	3 and III
9:30-9:50	4 and IV

TIME	PERIODS
Opening Chapel—10:00 a. m.	
11:00-11:20	5 and V
11:30-11:50	6 and VI
12:00-12:20	7
Luncheon—12:30 p. m.	
1:40-2:00	8
2:10-2:30	9
2:40-3:00	10
3:10-3:30	11
3:40-4:00	12
4:10-4:30	13
4:40-5:00	14

Schedule of Recitations

First Semester, 1924-25

The regular class schedule for the semester will be begun at eight o'clock Thursday morning.

	3-Hour Schedule						4-Hour Schedule					
Hour	M	T	W	Th	F	S	M	T	W	Th	F	S
8:00		1	7	1	7	1		I	I	I		I
9:00		7	2	2	8	2		II	II	II		II
10:30		8	3	8	3	3		III	III		III	III
11:30		4	9	4	4	9		IV		IV	IV	IV
1:40	5	9	5	10	5		V		V	V	V	
2:40	6	10	6	10	6		VI	VI	VI		VI	
3:40	11	13	11	13	11							
4:40	12	14	12	14	12							

Monday forenoon and Saturday afternoon are ordinarily free from recitations.

A student who is registered for one or more courses that meet four hours a week as well as his three-hour courses, will note the following conflicts:

I with 1 and 7—II with 2 and 7—III with 3 and 8—IV with 4 and 9—V with 5 and 10—VI with 6 and 10. *e. g.,* one cannot take a course scheduled for Roman numeral I period and a course scheduled for Arabic numeral 1 or 7.

Attendance

Students are required to attend regularly all college exercises: the classes for which they have registered, laboratory sessions, conferences, daily chapel exercises, and the vesper service.

If a student is absent in one semester more than three times from a two-hour course, more than five times from a three-hour course, or more than six times from a four-hour course he will not be allowed to take the semester examination in that course until after the lapse of one semester, and no grade will be given until that examination is taken.

NOTE: Absence from class on the day immediately preceding or following a vacation will count as two absences.

If a student is absent in one semester more than four times from the vesper service or more than ten times from the daily chapel exercises, each absence beyond the four or the ten will be counted as two absences on the record for the following semester.

If at any time the absences in one semester, including those carried over (two for one) from the preceding semester, exceed six from the vesper service or fifteen from the daily chapel exercises, the student will be suspended for one semester.

Library

The hours of the Library are from 7:45 a. m. to 12:30 p. m., from 1:00 p. m. to 5:45 p. m. daily except Sunday,

and from 6:45 p. m. to 9:45 p. m. each week day except Saturday.

Study Hall

In addition to the reading and reference rooms in Scoville Memorial Library, a study hall is arranged on the second floor of Willis. Students desiring to study in this room will bring whatever books and equipment they need. The room will be regularly under the supervision of an upper classman and will be available evenings. It is expected that this arrangement will help particularly the Freshmen in accomplishing the necessary study.

Examinations

Regular examinations are held at the close of each semester; they are conducted chiefly in writing. At the close of the year, the final examination in a year course may cover the subjects of study for the entire year. All students, including Seniors will take the final examinations except as provided in the "Candidates for Honors" plan. See catalog page 73. In addition to these regular examinations, tests and written recitations are held frequently during the year, with or without previous notice to the students, as the instructor prefers.

Special examinations to remove conditions may be taken any time after the lapse of three weeks, subject to the approval of the instructor concerned.

Eligibility Requirements

To participate in any intercollegiate or intersociety contest or to represent the College or any class or any society in a public way, a student must be passing in at least twelve credit-hours leading to a collegiate degree. The time for determining eligibility shall be as follows: for athletic contests, one week before the event; for college plays and oratorical and debating contests, three weeks before the

event; for the Orchestra and Glee Club, three weeks before the spring trips.

Until a student shall have been credited upon the college records with at least twelve hours for the preceding semester, he shall be ineligible to participate in any athletic contest except interclass contests; in any debate or oratorical contest except intersociety contests; in the Glee Club or in the Dramatic Club presentations.

Grades

Grades are given and recorded as follows: A, excellent; B, good; C, fair; D, poor; E, failure; I, incomplete; X, condition.

An average grade of C must be maintained for all work recorded, inasmuch as one grade credit is given for each hour graded C. Two grade credits are given for each hour graded B, and three for each A hour. No grade credit is allowed on a D or D minus. Plus and minus signs are recorded as one-third of a grade credit and are added or subtracted respectively; e. g. C+ is one and one-third grade credit. A— counts two and two-thirds grade credits.

Courses of Instruction Open to Freshmen

The following pages list the courses offered Freshmen in the College of Liberal Arts for the year 1924-25:

A year's course is indicated by joining the course numbers for two successive semesters with a hyphen, *e. g.*, 101-102. In general, no credit or only part credit is given for a single semester's work of a year course. No credit will be given for less than a year's work in a beginning language.

Unless otherwise stated, the number of recitations each week is the same as the number of hours credit.

The normal amount of work for a student is 15 or 16 hours a semester in addition to work in physical education; a minimum of 12 hours is required. Students who wish to register for more than 17 hours, exclusive of physical education, choir, orchestra, and *The Carletonian,* must secure in advance the written approval of the Dean. (Ask at the registration desk for an "Extra Hours Permit" card.)

Special Fees

Breakage deposit Biology and Physics	$5.00
Breakage deposit Chemistry	10.00
Fee for special examination	3.00
Fee for each hour of class work over 17[2]	5.00

Required Subjects in Freshman Year

1. English Composition.
2. A Foreign Language.
3. A Laboratory Science.
4. Physical Education.

English composition and physical education are uniform for all Freshmen. The foreign language requirement may be met by taking French, German, Greek, Latin, or Spanish. Choose one of the following laboratory sciences: astronomy, biology, botany, chemistry, physics.

[2]No fee is charged for extra hours in Choir, Band, Orchestra, "The Carletonian," or the required work in Physical Education.

Geology 101 will not be offered the first semester. It will be offered the second semester.

The required course in science may be postponed one year provided the student take in the freshman year either mathmatics or ancient language.

Freshmen entering without some Foreign Language are required to register for Latin 11-12 Section B, meeting at period 4.

Complete List of Courses Open to Freshmen

These are arranged alphabetically. Read thru the entire list carefully before deciding what subjects to take.

Art

Professor Holbourn (Chairman) and Mr. Hyslop, Mr. Houghton, Miss Shaw, Mrs. Jackson

102.* Art in Relation to Life.—The object of this course is to show that art, so far from being an extra adornment or accessory to life, is one of its main fundamentals. The principle of art or creative design is the same, whether applied to a piece of furniture, a picture, a city, or life itself. The course will make a survey, first, of the great epochs of our civilization,—Greece, the Middle Ages, and the Renaissance; and of the general principles of art and of their application in town planning, garden and house planning, furniture and furnishing, architecture, sculpture, painting, poetry, music, education, social science, and individual life and character.

Second Semester—3 hours credit. Mr. Holbourn

105. Modern Painting and Picture Making.—A biographical account of the aims, ideals and progress of painters from the seventeenth century to the present day, including some consideration of the art of picture-making, composition, and the elements of perspective and design.

First Semester.—2 hours credit. Mr. Hyslop

151-152. Drawing, Painting and Design.—All students will begin with drawing and will be promoted to further work according to their progress.

First and Second Semesters.—6 hours credit. Miss Shaw

*Offered only in the second semester.

Astronomy

PROFESSOR WILSON (CHAIRMAN) AND PROFESSOR FATH

101-102. ELEMENTARY ASTRONOMY.—A course designed to give a knowledge of descriptive astronomy and practice in observing the heavens. No mathematics beyond elementary algebra and geometry will be needed. Regular observations of the sun, moon, planets and selected variable stars will be made. Eleven telescopes of about 3-inch aperture are provided especially for this work. Three hours of class room work and two hours of observational work per week. Fee $2.00 each Semester.

First and Second Semesters.—8 hours credit. MR. FATH

Biology

ASSISTANT PROFESSOR YOUNG (CHAIRMAN), PROFESSOR DUNGAY, ASSISTANT PROFESSOR STORK, MRS. YOUNG, MISS MOWERY, AND MR. YOLTON

GROUP A—ZOOLOGY

111-112. ANIMAL BIOLOGY.—In this course an attempt is made to give a broad view of the principles of life as applied to the animal kingdom. Emphasis is placed upon the application of biological truths to human welfare. Two hours class and four hours laboratory. Fee, $5.00 each Semester.

First and Second Semesters.—8 hours credit.
MR. YOUNG AND MRS. YOUNG

GROUP B—BOTANY

103-104. GENERAL BOTANY.—The history and evolution of the plant groups; the life processes as manifested by plants; the common elements of our plant environments. Fee, $5.00 each Semester.

First and Second Semesters.—8 hours credit.
MR. STORK AND MR. YOLTON

Chemistry

PROFESSOR LINCOLN (CHAIRMAN), PROFESSOR EXNER, ASSISTANT PROFESSOR BARDWELL AND MR. HALL

103-104. GENERAL CHEMISTRY.—The subject is developed in the light of modern theories by lectures illustrated by experiments. The work in the laboratory consists of experiments developing the general principles of chemistry. Three hours of lectures and class room and four hours of laboratory work per week. Fee, $10.00 per semester.

First and Second Semesters.—8 hours credit.
MR. LINCOLN, MR. BARDWELL, AND MR. HALL

Education

ASSISTANT PROFESSOR MUNROE (CHAIRMAN), PROFESSOR HEADLEY,[1] ASSISTANT PROFESSOR OLESEN, AND MEMBERS OF THE DEPARTMENTS WHICH OFFER TEACHERS' COURSES

REQUIREMENTS FOR TEACHING IN MINNESOTA.—For teaching in Minnesota high schools, the Minnesota statutes require fifteen hours of work in Education. This requirement includes observation and practice teaching, as provided in Education 307, and teachers' courses in two subjects. Only courses listed in the department may be counted toward this requirement.

101. HOW TO STUDY.—An orientation course introducing the student to advantageous methods of mental work. The course includes a consideration of such topics as the use of the library, note-taking, writing examinations, efficient learning, effective remembering, and concentration. Lectures, reports, and class exercises.

First Semester.—3 hours credit. MR. OLESEN

English

PROFESSOR WOODS (CHAIRMAN), PROFESSOR WEDEL, ASSISTANT PROFESSOR HUNTER, ASSISTANT PROFESSOR ROBINSON, MISS FESSENDEN, MR. HENRY, MR. JOB

English 101-102 is required of all Freshmen. Students who make unsatisfactory grades in this course, or who later show themselves deficient in the use of English, are held for further work in English at the discretion of the faculty committee on English.

English 213-214 is required of all students who plan to make either a major or a minor in English.

GROUP A—RHETORIC AND COMPOSITION

101-102. FRESHMAN COMPOSITION.—A course which aims to develop the student's power to write correctly and intelligently by leading him to regard writing as a normal habitual activity. Numerous short and long themes, recitations based upon intensive study and collateral reading, and frequent conferences.

First and Second Semesters.—6 hours credit.
MR. HUNTER, MISS ROBINSON, MISS FESSENDEN, MR. HENRY AND MR. JOB

GROUP B—LANGUAGE AND LITERATURE

213-214. TYPES OF LITERATURE.—A study of the principal types of literature,—ballad, epic, lyric, drama, essay, novel, etc.,—their origin and subsequent development in the literature of the leading countries of Europe. A limited number of

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[1] On Sabbatical leave.

Freshmen may enroll for this course. It is necessary, however, that they consult the chairman of the English department.

First and Second Semesters.—6 hours credit.

Mr. Wedel, Mr. Hunter, Miss Robinson, Mr. Henry and Mr. Job

French

Professor Bird (Chairman), Miss Watson, Miss Bacon, Miss Ferio, Miss Crawford and Miss Pellet

101-102. Elementary French.—Fundamentals of grammar; study of irregular verbs, easy reading, composition, conversation, dictation.

First and Second Semesters.—8 hours credit.

Miss Crawford and Miss Watson

201-202. Modern French Prose.—History, stories, newspaper articles, grammar review, composition, conversation, and dictation. This course is open to Freshmen *who have had two years of French in high school.*

First and Second Semesters.—6 hours credit.

Miss Bacon, Miss Ferio and Miss Crawford

Greek

101-102. Elementary Greek.—This course is for those students who have had no Greek.

First and Second Semesters.—8 hours credit. Mr. Houghton

German

Professor Vestling (Chairman), and Assistant Professor Clark

101-102. Elementary German.—This course is for those students who have had no German.

First and Second Semesters.—8 hours credit.

Mr. Vestling and Mr. Clark

201-202. Intermediate German.—This course is open to Freshmen *who have had two years of German in high school.*

First and Second Semesters.—6 hours credit. Mr. Clark

History

Professor Duniway (Chairman), Assistant Professor Ritchie and Assistant Professor Keith Clark

101-102. The Modern World.—A study of European political and social progress from the fifteenth century to the present time, with some reference to its mediaeval background. This course is intended to serve as a basis for advanced work in the department and as an aid in other fields of study, presupposing a general knowledge of European development. This course is required of all students who plan to make either a major or a minor in History.

First and Second Semesters.—6 hours credit.

Mr. Duniway, Mr. Ritchie and Miss Keith Clark

History of Religion

105. The Literature of the Old Testament.—Old Testament selections are studied as may best serve the needs of the class.

First Semester.—3 hours credit. Mr. Fitch

106. Religious Origins.—Jahvism, Judaism, and the Teaching of Jesus. The course will deal first, with "primitive religion," so called. Especial attention will be paid to the primitive cult of Jahovis, from which Judaism issued. Judaism will be studied as giving the intellectual and social background for the ideas and teachings of Jesus.

Second Semester.—3 hours credit. Mr. Fitch

Latin

Professor Meinecke (Chairman) and Assistant Professor Clark

Requirements for Major in Group I.—Latin 11-12 and 21-22, or their equivalent, or two years of Greek, are required of all students who major in Group I.

group a—latin

11-12. Elementary Latin and Caesar.—Grammar, Caesar, composition and easy reading for those who begin Latin in college.

First and Second Semesters.—8 hours credit.
Mr. Meinecke and Mr. Clark

21-22. Selected Readings from Cicero and Vergil.—Continuation of course 11-12. Open to Freshmen *who have had two years of Latin in high school.*

First and Second Semesters.—8 hours credit.
Mr. Meinecke and Mr. Clark

101. Cicero and Catullus.—Cicero, *De Senectute* or *De Amicitia;* selections from Catullus. Open to Freshmen *who have had at least three years of Latin in high school.*

First Semester.—3 hours credit. Mr. Meinecke

102. Livy; Plautus or Terence.—Selections from Livy, Bks. I, XXI, and XXII; careful study of the history of Rome and of the political conditions that prevailed during the Punic wars. One comedy of Plautus or Terence.

Second Semester.—3 hours credit. Mr. Meinecke

Mathematics

PROFESSOR WILSON (CHAIRMAN), PROFESSOR GINGRICH, PROFESSOR FATH AND MISS WHITE

103. ALGEBRA.—*For those presenting one unit entrance credit in Algebra.* Review of elementary Algebra, Quadratics, and selected topics from College Algebra.

First Semester.—4 hours credit. MR. FATH AND MR. GINGRICH

104. TRIGONOMETRY.—Plane and Spherical.

Second Semester.—4 hours credit.

MR. FATH AND MR. GINGRICH

107-108. COLLEGE ALGEBRA, TRIGONOMETRY AND ANALYTICAL GEOMETRY.—*For those presenting one and one-half units entrance credit in Algebra.* Review of Algebra and selected topics from College Aglebra, Plane Trigonometry, Analytical Geometry, with special emphasis on the study of the loci of first and second degree equations.

First and Second Semesters.—8 hours credit

MR. GINGRICH AND MISS WHITE

Music

PROFESSOR MEINECKE (DIRECTOR), PROFESSOR LAWRENCE, PROFESSOR GILLETTE, ASSISTANT PROFESSOR MORSBACH, ASSISTANT PROFESSOR SLOSS, MISS BRYANT, MISS HOSMER, MISS SYMONS AND MISS TAYLOR

College students who are interested in music should familiarize themselves with the advantages offered by the Conservatory of Music. Complete information is available at the Director's office in Music Hall.

All applicants for admission should present themselves at the Director's office for the proper evaluation of their high school credits. The Director will then advise the student as to the proper procedure for registation.

Courses in voice, piano, violin, cello, ear training, notation and sight singing are offered to college students. Studies in voice, piano, organ, violin, and cello are referred to as "applied music." If the work is of an advanced grade, a maximum of ten hours in applied music is credited toward the requirements for the degree of Bachelor of Arts.

Courses in harmony, counterpoint, composition, history of music, appreciation of music, and public school music are open as electives to college students; these courses are credited toward the B. A. degree. Likewise, satisfactory work in the College Band, Choir, or Orchestra may be credited toward the B. A. degree up to a maximum of six semester hours in any one and a maximum of six hours in all. These courses and their respective credits are described in the section of the Carleton College Catalog devoted to the Conservatory of Music, pages 142-162.

A special departure in the Organ Department for the coming year will be a *Practical* Course in Church Playing. Mr. Gillette will organize his organ students into a class for this purpose, and will conduct practical discussions and demonstrations designed to teach organ students how to play hymns, how to accompany effectively, and generally how to play a church service. Organ students will welcome this opportunity to familiarize themselves with the liturgical side of organ playing. All organ students will be required to take this course without additional charge.

Physical Education for Men

Professor Hunt (Chairman), Assistant Professor Millan, Dr. Joseph Moses, College Physician

Requirements for Graduation.—Work in physical education is required of all Freshmen, Sophomores, and Juniors. Six credits of an average grade of at least C must be earned by each student before graduation.

Physical Examinations.—At the beginning and at the close of each year, each student is given a thoro physical examination to determine general health condition, physical efficiency, and individual needs. If disabilities are discovered, monthly examinations are given and special corrective work is arranged in place of the regular courses.

Costume Requirements.—Each man is required to have a gymnasium costume consisting of white track suit and tennis shoes.

Swimming Requirements.—Each man is required to meet the following swimming requirements before graduation: (1 and 2) 40-yard swim, using two different strokes; (3) plain running dive; (4) recover a small object in eight feet of water; (5) tow inert body; (6) prepare paper on resuscitation. This test is given in the first semester of the Freshman year, and instruction provided for those unable to qualify.

Athletic Teams.—Teams for intercollegiate competition in football, baseball, basketball, indoor and outdoor track and field athletics, swimming, gymnastic competition, tennis, and cross-country running are formed each year. Students are given credit for participation in athletics during the respective team seasons. In addition, interclass competition in these various branches is held each season. Classes also are formed in fencing, boxing, and wrestling. Special emphasis is placed on a "sports-for-all" program.

101-102. Freshman Course.—Outdoor activities, such as track and field athletics, soccer, volley ball, playground ball, and group games, as long as weather permits. Indoors—(1) marching tactics, calisthenics, and apparatus work; (2) mass competition in athletic events; (3) gymnasium games.

First and Second Semesters.—3 hours a week; 2 hours credit.

Physical Education for Women

Miss Devitt (Chairman), Miss Field and Miss Stahmer

Requirement for Graduation.—Work in physical education is required of all Freshmen, Sophomores and Juniors. Six credits of an average grade of at least C must be earned by each student before graduation.

Physical Examinations.—At the beginning and at the close of each year, each student is given a thoro physical examination to determine general health condition, physical efficiency, and individual needs. If disabilities are discovered, monthly examinations are given and special corrective work is arranged in place of the regular courses.

Costume Requirements.—Each woman is required to have a gymnasium costume. See catalog pp. 127.

101-102. Freshman Course.—As long as the weather permits the classes engage in outdoor activities, such as tennis, baseball, group games, field hockey, and soccer. Indoor work includes: general gymnastic exercises, games, folk dancing, and aesthetic dancing.

First and Second Semesters.—3 hours a week; 2 hours credit.

103-104. Therapeutic Gymnastics.—A course arranged for students who are physically unable to take the work of the regular classes.

First and Second Semesters.—2 hours credit.

Physics and Engineering

Professor Hornbeck (Chairman), and Professor Culver

By suitable choice of courses in other departments, men who major in this department may obtain technical degrees from schools of engineering in two years after graduation from Carleton.

111-112. General Physics.—The emphasis is laid upon the physical meaning of the principles, and the use of mathematics is reduced as much as possible for a course of college grade. Demonstration lectures and recitations three times a week, and one two-hour laboratory period. This course meets the physics requirement in medical schools. Open to Freshmen. Fee, $5.00 each semester.

First and Second Semesters.—8 hours credit.

Mr. Hornbeck and Mr. Culver

Public Speaking

Professor Cochran (Chairman), Assistant Professor Calderwood and Miss Kentzler

101-102. Introduction to Public Speaking.—Study and application of fundamental principles of oral expression, with much practice in the delivery of literary masterpieces.

First and Second Semesters.—6 hours credit.

Mr. Calderwood and Miss Kentzler

Spanish

PROFESSOR BIRD (CHAIRMAN), MISS BACON and MISS FRANCHÈRE

101-102. ELEMENTARY SPANISH.—Grammar, oral work, and easy reading. Reading of modern prose and plays with practice in dictation, writing, and speaking.

First and Second Semesters.—8 hours credit.
MR. BIRD, MISS BACON AND MISS FRANCHÈRE

201-202. MODERN PROSE AND POETRY.—A thoro grammar review, with composition and conversation. Stories, reports, memory work, and newspapers. Open to Freshmen *who have had two years of Spanish in high school.*

First and Second Semesters.—6 hours credit.
MR. BIRD, MISS BACON AND MISS FRANCHÈRE

Departmental Announcements

Supplementing the announcements made in the catalog of March, 1924.

Art

203. THE MEDIAEVAL ARTS AND CRAFTS.—This course aims to give a brief summary of the art life of mediaeval Europe. Those qualities which characterize the art of the time will be traced in the architecture, furniture, lesser arts, and ornament, of the period.

First Semester.—1 hour credit. MRS. JACKSON

Biography

MR. WEDEL (CHAIRMAN), MR. FITCH, MR. HOUGHTON

As a continuation of the work begun by Mr. Vernon, the Biography department offers this year the courses listed below. Students interested in arranging for majors and minors, or in other matters relating to the department, should see Mr. Wedel.

301-302. SEERS AND THINKERS OF THE PAST. MR. FITCH
(See History of Religion 323-4.)

303-304. GREAT MORALISTS.—A study of outstanding moral teachers, both ancient and modern—Socrates, Aristotle, Cicero, Dante, Montaigne, Pascal, Samuel Johnson, Rousseau, Nietzsche, Tolstoy, and others. *For Juniors and Seniors only.*

First and Second Semesters.—6 hours credit. MR. WEDEL

305-6. GREEK MEN OF LETTERS offered by Mr. Houghton is the same as Greek 211, "Greek Literature."

First and Second Semesters.—4 hours credit.

Biology

Announcement of Courses for 1924-1925

103-104. General Botany—Mr. Stork.
221. Survey of Cryptograms—Mr. Stork.
317. Forest Botany—Mr. Stork.
111-112. Animal Biology—Mr. Young, Mrs. Young.
207. Invertebrate Zoology—Mr. Yolton.
307-308. Biological Problems—Mr. Yolton.
319. Zoological Technique—Mrs. Young.
211-212. The Human Body (Physiology)—Mr. Yolton.
391-392. Human Anatomy (Anatomy)—Mr. Young.
313-314. Advanced Biology—Mr. Stork, Mr. Young.

Courses not to be given in 1924-25:

Biology 321. Microbiology.
Biology 309-310. Bacteriology.

Courses having a change of instructors:

Biology 211-212. Mr. Dungay to Mr. Yolton.
Biology 391-392. Mr. Dungay to Mr. Young.

The laboratory sections in Course 103, Gen. Botany, are limited to 40 each; the total registration in Course 111, Animal Biology, is limited to 120 students, and each laboratory section to 40 each.

Extra Curriculum—Bird Identification

During the second semester, work in bird identification will be given for those desiring it. Permission must be secured from Mr. Young to take this work. The following requirements will be made of students: attendance at six evening lectures, titles and speakers to be announced later, and attendance on bird walks which will begin in February and last until May.

No academic credit will be given for this work. However, at the end of the season an examination will be given and to those who have satisfactorily met attendance requirements and who can pass the examination, a certificate will be given. For any interested in Scout work or summer camp work this certificate may prove useful.

Chemistry

203-204. Analytical Chemistry.—A general elementary course in quantitative analysis consisting of work in gravimetric, volumetric, and electrolytic analysis. One hour of class and six hours of laboratory work per week. Also one hour of class room per week on the theory and methods of qualitative analysis. Prerequisite, Chemistry 103-104.

There will be two sections in the class room and two sections in the laboratory. Fee, $12.00 per semester.

First and Second Semesters.—8 hours credit. Mr. Exner

Education

Mr. Headley being on Sabbatical leave, a number of changes have become necessary in the Department of Education. Education 101 "How to Study" will be offered to Freshmen only, Mr. Olesen in charge. Mr. Munroe offers Education 201 "Psychology." Education 302, "Educational Administration" will be given by Mr. Olesen the first semester. There will be two sections in course 307 "High School Teaching," the class being divided between Mr. Munroe and Mr. Olesen. As given in the catalog, Mr. Munroe offers course 304 "Educational Psychology" the first semester. He also offers a new course number 309 on "Personality."

309. PERSONALITY.—An analysis of the psychological elements that enter into personality and a treatment of permanent systems of behavior in relationship to experience and the body-organism. Of interest to those aiming at medicine, law, and business.

First Semester.—3 hours credit. MR. MUNROE

English

The English department wishes to call attention to a few facts of interest to upper classmen, supplementary to the information contained in the catalog and the schedule of recitations.

1. A course in *Advanced Composition* is to be added to the curriculum:

207-208. ADVANCED COMPOSITION.—A course designed for students desiring further practice in writing than is given in the required course in Freshman Composition. The course aims to develop clearness and force in written expression by continual practice in preparing various types of written assignments. Students interested in narrative and essay writing will be given the opportunity to submit papers of these types as regular assignments.

First and Second Semesters.—6 hours credit. MR. HENRY

2. The courses listed in the schedule to be taught by Mr. Woods are all described in the catalog, except the following:

321-322. THE ROMANTIC PERIOD.—A study of the works of Thomson, Gray, Burns, Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, Lamb, Hazlitt, DeQuincey, and the other writers of the early nineteenth century, with especial emphasis upon their relation to the Romantic Movement. Attention is given to the interrelations of the literatures of England, France and Germany during the period under consideration.

First and Second Semesters.—6 hours credit. MR. WOODS.

3. Mr. Wedel's course in *Nineteenth Century Prose* (English 323) is for the first semester only. It will be followed probably by English 328, *The English Novel.*

French

Section C of Course 201, offered period 4, is for students who are looking toward scientific French, the second semester.

Geology

Geology 102 is the second semester Geology and Freshmen are not admitted the first semester to courses in Geology.

Greek and Sanskrit

Mr. Houghton announces his courses in Greek and Sanskrit on the schedule of recitations, with the understanding that he will give instruction in any of the three courses having the largest enrollment.

History

201-202. HISTORY OF THE UNITED STATES.—This course begins with the close of the American Revolution. The first semester covers the period before the Civil War with emphasis upon constitutional and political development. The second semester will give the background of problems of contemporary American political life.

First and Second Semesters.—6 hours credit. MR. DUNIWAY

331-332. SEMINAR.—This course is designed for training in methods of historical research. Problems will be selected for special study each year. In 1924-25 these will be taken from the period of the American Revolution. Open only to seniors and other advanced students of history.

First and Second Semesters.—6 hours credit. MR. DUNIWAY

History of Religion

321-322. THE BEGINNINGS OF CHRISTIANITY.—The Semetic, Hellenic, Pagan Sources of the early church, the conflict and fusion of cultures which eventuated in the primitive Catholic Church. After 1924-25, Course 106 is required as a prerequisite.

First and Second Semesters.—6 hours credit. MR. FITCH

323-24. GREAT SEERS AND THINKERS.—Confucius, Buddha, Jesus, Mohammed. These leaders will be studied in the light of their inheritance and social environment, and with comparative references to other thinkers with whose ideas and systems they show significant points of similarity or contrast. For Juniors and Seniors only.

First and Second Semesters.—6 hours credit. MR. FITCH

Home Economics

The work of this department is planned primarily to prepare teachers for the extension of home economics; to prepare women for the responsibilities of homemaking; to furnish the foundation

for those who desire to specialize in some particular field, such as nutrition, dietetics, home economics extension work, institutional management, public health work, costume designing and interior decoration.

Latin

Freshmen entering without some Foreign Language are required to register for Latin 11-12, Section B, taught by Mr. Meinecke.

201. HORACE.—Selections from his complete works. The great "twentieth century Latin poet" is studied intimately from all angles of thought as suggested by his poems and his influence on subsequent writers, especially the foremost poets of the nineteenth century. Parallels from Tennyson, Browning, Wordsworth, Byron and others. Metrical studies.

First Semester.—3 hours credit. MR. MEINECKE

New Faculty Members, 1924-25

Albert Parker Fitch, Professor of the History of Religion. A. B. Harvard, 1900; B. D. Union Theological Seminary, 1903; D. D. Amherst College, 1909, and Williams College, 1914. Ordained Congregational Minister, 1903; pastor First Church, Flushing, L. I., 1903-5. Mt. Vernon Church, Boston 1905-9; president Andover Theological Seminary Cambridge 1917-1919. Professor Amherst College 1917-23. Beecher Lecturer at Yale University, 1919-1920. Member Delta Upsilon; hon. member Harvard Chapter Phi Beta Kappa, 1911; Author: The College Course and the Preparation for Life; Religion and the Undergraduate; Can the Church Survive in the Changing Order? Preaching and Paganism, None So Blind.

Clyde A. Duniway, Professor of History. A. B. Cornell, 1892; A. M. Harvard 1894, Ph. D. 1897; LL D. U. of Colo., 1914, Univ. of Denver 1914, instructor in history, Harvard and Radcliffe, 1896-7; asst. professor in history, 1897-9; associate professor 1899-1908, professor, 1908, Leland Stanford Junior University; president University of Wyoming, 1912-17; president Colorado College, 1917-23; director of the British Division of the American University Union in Europe, with headquarters in London, 1923-24. Author: Handbook of Graduate Courses 1895-6-7; Freedom of the Press in Massachusetts, 1906; Contributor American Historical Review, Proceedings American Historical Association, American Journal International Law, Proceedings N. E. A., Encyclopedia Britannica.

Miss Dorothy Devitt. Instructor in Physical Education for Women. Carleton, '20. Miss Devitt, since her graduation has taken post graduate work at Skidmore College and at Syracuse University. For the past year she has been engaged in Y. W. C. A. work at Winona, Minn.

Miss Ruth C. Field, Instructor in Physical Education for Women, is a graduate of Carleton, Class of 1923. Miss Field has been doing graduate work at Columbia University during the past year in Physical Education for Women Department.

Mrs. Nora McEwen Jackson, Graduate of the New York School of Applied and Fine Arts; B. A., U. of Minn., will assist in the department of Art.

Thomas Job, from the University of Wales, will be an instructor in the English Department.

Mr. Job graduated last year from the University of Wales (B.A. with first-class honors in English). Since, he has been taking courses in Education obtaining the Certificate of the Board of Education (the Government certificate) and the diplomas of the University of Wales in Education all with first-class Honors. He has done one year of post graduate work and is at present engaged on his thesis for the Master's degree. He is regarded as one of the most promising students in English, graduated during the last few years, and his record has been unusually brilliant.

Lucile Franchère returns to Carleton as Assistant Professor of Romance Languages, after a year's graduate work at the U. of Minn.

Miss Dorothy L. Stahmer, from the Kellogg School of Physical Education, Battle Creek, Mich., will assist in the department of Physical Education for Women.

The Conservatory faculty includes three new names for the coming year:

Mrs. Hedstrum Morsbach, Assistant Professor of Voice, has been thoroughly equipped and trained at home and abroad. She has studied extensively in Chicago with teachers of national reputation and spent two years in Italy, studying vocal production with Carlo Sebastiani, and coaching opera with Mario Martucci and Mario Bellini. She has had three appearances as soloist with the Minneapolis Symphony Orchestra, and has been markedly successful in teaching voice and developing concert soloists. One rarely finds a voice that combines both quantity and quality in so artistic a fashion.

Miss Marie Sloss is a young American pianist who has won distinction both at home and abroad. She received her early training in the Middle West, later spending several years in Berlin. During her residence there she appeared with outstanding success with numerous orchestras throughout Germany. Since her return she has toured the West with Alexander Saslavsky in trio concerts and for the past three seasons as pianist with the Pasmore Trio in Honolulu and the Central States. Her repertoire is extraordinarily large and her pianistic and musical equipment are of the highest order.

Miss S. Edith Taylor has been appointed for one year to substitute for Miss Linnell, who is on a year's leave of absence. Miss Taylor is especially fitted to continue the well-established courses in Public School Music, inasmuch as her training and equipment represent the same type and methods as used by Miss Linnell. She was graduated from the Crane Normal Institute of Music, and did graduate work with Kroeger of St Louis, acting also as part time assistant to him.

Harvard Exchange Professor

William Scott Ferguson, Harvard Exchange Professor, 1924-25, Department of History. Professor Ferguson comes from Harvard to Carleton for the month of October and announces as his course title: "The Greek City-State; its Political and Cultural Significance." As in former years with the visits of the Harvard Exchange Professor, students may attend the lectures with a view to receiving credit toward graduation upon passing a sastisfactory examination.

Carleton Football Schedule

September 27—Dubuque University at Northfield.

October 4—Gustavus Adolphus at Northfield.

October 11—Beloit at Beloit.

October 18—Open.

October 25—St. Olaf at Northfield.

November 1—Macalester at Northfield.

November 8—Hamline at St. Paul.

November 15—Coe at Cedar Rapids.

The Oxford Debate

Oxford University, of England, will debate Carleton at Carleton, Tuesday evening, November 11th. The Oxford debaters are: Mr. N. J. MacDonald, son of the present Prime minister—of Queen's College; Mr. J. D. Woodruff of New College; and Mr. M. C. Hollis of Balliol College. The Carleton team has not yet been named.

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C191
1925/26

CARLETON COLLEGE BULLETIN
Volume 21, Number 4 September, 1925

ANNOUNCEMENTS

For the College Year, 1925-1926

including

Directions for New Students

and

Changes in Catalog Schedules

UNIVERSITY OF ILLINOIS.

NORTHFIELD, MINNESOTA

CARLETON COLLEGE BULLETIN

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VOLUME 21, NO. 4 SEPTEMBER, 1925.

Publisher's Note: Carleton College Bulletin is entered for publication four times a year as follows: No. 1 in September, No. 2 in December, No. 3 in March, No. 4 in June; but owing to the omission of the December number in 1924, Number 4 appears in September, 1925. Application is being made for a new series for the college year 1925-1926.

CC-5-14C—9-25

SUPPLEMENT
TO
THE ANNOUNCEMENT NUMBER OF THE BULLETIN
for 1925-1926

I.

The opening chapel exercises will be held *Thursday* morning, September 17, at *10:00 o'clock*.

II.

Page 18, second paragraph in the Announcement Bulletin under "Attendance" should read as follows:

If a student is absent in one semester more than *two* times from a two-hour course, more than *three* times from a three-hour course, or more than *four* times from a four-hour course he will not be allowed to take the semester examination in that course until after the lapse of one semester, and no grade will be given until that examination is taken.

III.

Course 101-102. INTRODUCTION TO PUBLIC SPEAKING will be open to Freshmen.

First and Second Semesters.—6 hours credit.

MR. COCHRAN, MR. CALDERWOOD AND MR. MARSH.

IV.

"Special Fees for Biology, Geology and Physics" will be uniformly $6.00 instead of $5.00.

V.

ENGLISH 321 changed from Period 2 to Period 3. No change in instructor or room.

VI.

For ENGLISH 213 a section (F) has been added. Mr. Job. Willis 303.

VII.

ECONOMICS AND SOCIOLOGY 307 meets in Leighton 303.

VIII.

The enrollment in Literary and Dramatic Interpretation (Pub. Sp. 201), and Dramatic Production (Pub. Sp. 211), is this year listed as follows:

LITERARY AND DRAMATIC INTERPRETATION: 20.

DRAMATIC PRODUCTION: 25.

IX.

GERMAN 301 meets in Leighton 205.

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THE LIBRARY OF THE
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President on the Martha Walker Wilkinson Foundation.

WILLARD W. BARTLETT, M. A. (Columbia),
Assistant to the President.

DOROTHY PATTEE,
Secretary to the President.

ELLA F. HOPKINS,
Secretary to the Assistant to the President.

SARA W. CLARK,
Assistant in Office of Assistant to President.

OLIVE M. HAWVER,
Secretary to the Director of Observatory.

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Assistant to the Treasurer.

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Assistant in the Office of the Treasurer.

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Assistant in the Office of the Treasurer.

JEWEL BENJAMIN,
Assistant in the Office of the Treasurer.

AXEL EBENEZER VESTLING, PH. D. (Yale),
Dean.

ELIZABETH WILLIAMSON, B. A. (Lombard), M. A. (Nebraska),
Acting Dean of Women.

MRS. ADELLA M. CATTON,
Assistant Dean of Women.

PETER OLESEN, M. A. (Hamline),
Registrar and Director of Bureau of Appointments.

RUTH D. DEEN, B. A. (Carleton),
Recorder.

FRED P. HAGGARD, M. A. (Illinois Wesleyan), B. D. (Chicago), D. D. (Colby, Illinois Wesleyan),
Director of Promotion.

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Secretary for Churches.

ARTHUR M. WHITTEMORE, B. A. (Carleton),
Field Secretary.

ETHEL M. BURTCH,
Secretary to the Director of Promotion.

LUCILE O. ZANDER, B. A. (Wisconsin),
Assistant in Publicity.

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Associate Librarian.

ALICE V. STEFFENS,
Assistant in charge of Reserve Room.

STELLA STEBBINS,
Cataloguer.

D. BLAKE STEWART,
Superintendent of Grounds, Buildings and Equipment.

W. S. HUGHES,
Manager of the College Farm.

MRS. WELLINGTON M. POWERS,
Superintendent of Women's Dormitories.

ANNE M. WALKER,
Superintendent of Men's Dormitories.

MRS. GERTRUDE PETERS,
Superintendent of the College Hospital.

_____,[1]
Resident Head of Prentice House.

MRS. FLORENCE EMENY,
Resident Head of Williams Lodge.

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[1]To be appointed.

Mrs. Myra P. Beardsley,
Resident Head of Sperry Lodge.

Mrs. William S. MacEwen,
Resident Head of Huntington Lodge.

Mrs. Cora F. Ray,
Resident Head of Lincoln Lodge.

Olive Kay Martin, M. A. (Chicago),
Resident Head of Dean Lodge.

Mrs. E. A. Maxham,
Resident Head of Seccombe Lodge.

Holmes and Flinn, 8 South Dearborn Street, Chicago,
Architects.

Temple, Brissman and Company, Capital Bank Building. St. Paul,
Auditors.

Faculty: 1925-1926*

DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker). LL.D (Knox, Williams, Oberlin, Beloit, and Drury),
President on the Martha Walker Wilkinson Foundation and Professor of Philosophy.

HERBERT COUPER WILSON, PH. D. (Cincinnati),
Professor of Mathematics and Astronomy and Director of the Observatory.

ISABELLA WATSON, B. L. (Carleton),
Professor of French.

FRANZ FREDERICK EXNER, PH. D. (Pennsylvania),
Professor of Chemistry.

FREDERICK LOCKE LAWRENCE, MUS. B. (Northwestern),
Professor of Piano and Composition.

AXEL EBENEZER VESTLING, PH. D. (Yale),
Dean and Professor of German.

CURVIN HENRY GINGRICH, PH. D. (Chicago),
Professor of Mathematics and Astronomy.

WALTER MELVILLE PATTON, PH. D. (Heidelberg), D. D. (Baker),
Professor of Semitic Languages and the History of Religion and Director of the Library.

NEIL STANLEY DUNGAY, PH. D. (Chicago),
Professor of Biology and Director of the College Health Service.

JOHN ELOF BOODIN, PH. D. (Harvard),
Professor of Mental and Moral Philosophy on the John Chandler Williams Foundation.

ISAAC MERTON COCHRAN, B. A., M. A. (Michigan),
Professor of Public Speaking.

JAMES PYPER BIRD, PH. D. (Michigan),
Professor of Romance Languages.

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* Three grades of faculty ranking are recognized: professor, assistant professor, and instructor. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the President.

Professors are here listed in the order of their appointment; all others are listed alphabetically.

LEAL AUBREY HEADLEY, PH. D. (Harvard),
Professor of Education and Psychology.

OSCAR CLEMENS HELMING, B. A. (Butler), B. D. (Union Theological Seminary),
Professor of Sociology on the Fred B. Hill Foundation.

CLAUDE J. HUNT, B. A. (DePauw),
Professor of Physical Education for Men and Director of Athletics.

EDWARD ARTHUR FATH, PH. D. (California),
Professor of Mathematics and Astronomy.

JESSE SQUIBB ROBINSON, PH. D. (Johns Hopkins),
Professor of Economics and Business Administration.

DAVID BRYN-JONES,[1] B. Sc., M. A. (University of Wales), D. D. (Carleton),
Professor of Economics and Political Science.

IAN B. STOUGHTON HOLBOURN,[1] M. A. (Oxon),
Professor of the History of Art.

AZARIAH THOMAS LINCOLN, PH. D. (Wisconsin),
Professor of Chemistry.

THEODORE OTTO WEDEL, PH. D. (Yale),
Professor of English.

CHARLES AARON CULVER, PH. D. (Pennsylvania),
Professor of Physics and Director of the Broadcasting Station.

JAMES ROBERT GILLETTE, MUS. B. (Syracuse),
Professor of Organ and College Organist.

HERBERT PIERREPONT HOUGHTON, PH. D. (Johns Hopkins), Litt.D. (Waynesburg), LL.D. (Ripon),
Professor of Greek.

ALBERT PARKER FITCH, B. A. (Harvard), B. D. (Union Theological Seminary), D. D. (Amherst, Williams),
Professor of the History of Religion.

CLYDE AUGUSTUS DUNIWAY, PH. D. (Harvard), LL.D. (Colorado and Denver),
Professor of History.

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1 Part time.

EDWARD VERMILYE HUNTINGTON, M. A. (Harvard), PH. D. (University of Strassburg), Professor of Mechanics at Harvard University,
Harvard Exchange Professor.

SUSAN A. BACON, PH. D., (Yale),
Assistant Professor of Romance Languages.

JACOB F. BALZER, B. A. (Carleton), M. A. (Chicago),
Assistant Professor of Biblical Literature on the Fred B. Hill Foundation.

FRED L. BARDWELL,[1] B. S. (Minnesota, Massachusetts Institute of Technology),
Assistant Professor of Chemistry.

ROBERT CALDERWOOD, B. A. (Miami),
Assistant Professor of Public Speaking.

FLORENCE H. CHURTON, B. S. (Illinois), M. A. (Columbia),
Assistant Professor of Home Economics and Chemistry.

HERMAN A. CLARK, B. A., M. A. (Michigan),
Assistant Professor of Latin.

KEITH CLARK, M. A., (Minnesota),
Assistant Professor of History.

GERMAINE FERIO, Concours Certificat Langues,
Assistant Professor of French.

WILLIAM Z. FLETCHER, Mus. B. (Chicago Musical College),
Assistant Professor of Voice.

STUART MCKLVEEN HUNTER, M. A. (Princeton),
Assistant Professor of English.

ALFRED J. HYSLOP,[2] Diploma in Art (Edinburgh),
Assistant Professor of Art.

THOMAS JOB, B. A. (University of Wales),
Assistant Professor of English.

JOHN MILLEN, B. A. (Monmouth),
Assistant Professor of Physical Education for Men and Director of the Men's Gymnasium.

JOHN MUNROE, B. S., M. A. (Carleton),
Assistant Professor of Education.

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1 Part time.

2 Absent on leave during 1925-1926, to serve as Secretary of the Committee on Fellowships and Scholarships in the Fine Arts of the Carnegie Corporation, New York City.

Mrs. Florence Hedstrum Morsbach (Pupil of Carlo Sebastiani, Naples),
Assistant Professor of Voice.

Peter Olesen, M. A. (Hamline),
Assistant Professor of Education, Registrar and Secretary of the Faculty.

Marie Sloss (Stern Conservatory of Music, Berlin),
Assistant Professor of Piano.

Harvey E. Stork, Ph. D. (Cornell),
Assistant Professor of Botany.

Marion B. White, Ph. D. (Chicago),
Assistant Professor of Mathematics.

Elizabeth Williamson, B. A. (Lombard), M. A. (Nebraska),
Acting Dean of Women and Assistant Professor of Latin.

F. L. Baumann, B. A., M. A. (Chicago),
Instructor in History.

Osborne B. Cowles, B. A. (Carleton),
Instructor in Physical Education for Men.

Dorothy Devitt, B. A. (Carleton), B. S. (Skidmore),
Instructor in Physical Education for Women.

Margaret J. Engelhard,
Instructor in Art.

Elizabeth Mitchell Fessenden,[1] B. A. (Wellesley),
Instructor in English.

Ruth C. Field, B. A. (Carleton), M. A. (Columbia),
Instructor in Physical Education for Women.

Theodore M. Finney, B. A. (Minnesota),
Instructor in Violin.

H. Lloyd Flewelling, B. A. (Dartmouth) M. A. (Maine),
Instructor in English.

Edward B. Hall, B. S. (Drury), M. S. (Wisconsin),
Instructor in Geology and Chemistry.

Marion S. Irwin, B. A. (Minnesota),
Instructor in Biology.

Mrs. Beatrice von Keller,
Instructor in Art.

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1 Part time.

Bertha Linnell (Crane Institute of Music),
Instructor in Harmony and Public School Music.

Gretchen Ludke, B. A. (Carleton), M. A. (California),
Instructor in English.

Gerald E. Marsh, B. A. (Carleton),
Instructor in Public Speaking.

Olive Kay Martin, Ph. B., M. A. (Chicago),
Instructor in French.

Samuel Albert Nock, B. A. (Haverford),
Instructor in English.

Mildred B. Porter, B. A., M. A. (Smith),
Instructor in Physics.

Helen P. Symons, Mus. B. (Carleton),
Instructor in Piano.

W. Bayard Taylor, B. A. (Beloit), M. A. (Minnesota),
Instructor in Economics.

May Mowery, B. A. (Carleton),
Assistant in Biology.

Mrs. Nora McEwen Jackson,[1] B. A. (Minnesota),
Graduate New York School of Applied and Fine Arts,
Assistant in Art.

Dorothy L. Stahmer,[1]
Assistant in Physical Education for Women.

Retired on the Carnegie Foundation

William W. Payne, Ph. D., D. Sc.
(Instructor and Professor in Carleton College, 1871-1908. Director of Goodsell Observatory, 1887-1908.)

Margaret Evans Huntington, L. H. D.
(Instructor and Professor in Carleton College, 1874-1907. Dean of Women, 1898-1908).

Lucian W. Chaney, D. Sc.
(Instructor and Professor in Carleton College, 1882-1908).

Harlan W. Page, B. A.
(Financial Secretary and Treasurer of Carleton College, 1885-1910).

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1 Part time.

Mary Lathrop Benton, L. H. D. (Smith),
(Professor of French and Dean of Women in Carleton, 1914-1925).

John Henry Gray, Ph. D. (Halle),
(Professor in Carleton 1920-1925).

Faculty Representatives

On Arbitration Board of Men's Literary Societies: Mr. Fath, Chairman; Mr. Balzer, Mr. Exner.

On Arbitration Board of Women's Literary Societies: Miss Watson, Chairman; Miss Williamson, Mrs. Catton.

On Forensic Board: Mr. Cochran, Chairman; Mr. Helming.

On Carletonian Council: Mr. Wedel.

Standing Committees of the Faculty, 1925-1926

General: Mr. Vestling, chairman; Miss Williamson, Mrs. Catton, Mr. Culver, Mr. Duniway.

Registration and Schedule: Mr. Olesen, Chairman; Mr. Bartlett, Miss Clark, Mr. Dungay, Mr. Gillette, Mr. Gingrich, Mr. Headley, Mr. Hunter, Mr. Lincoln, Mr. Vestling.

Curriculum: Mr. Wilson, Chairman; Mr. Boodin, Mr. Duniway, Mr. Gillette, Mr. Lincoln, Miss Watson.

Scholarship and the Awarding of Prizes: Mr. Wedel, Chairman; Miss Bacon, Mr. Exner, Mr. Houghton, Mr. Lawrence, Mr. Munroe.

Scholarship Funds and Student Self-Help: Mr. Bartlett, Chairman; Mrs. Catton, Mr. Gillette, Mr. Vestling.

Research: Mr. Boodin, Chairman; Mr. Culver, Mr. Fath, Mr. Gray, Mr. Lincoln, Mr. Patton.

Catalog and Other Publications: Mr. Haggard, Chairman; Mr. Olesen, Mr. Patton.

Auditing Accounts of Student Organizations: Mr. Robinson, Chairman; Mrs. Catton, Mr. Culver.

Social Activities: Mrs. Catton, Chairman; Miss Devitt, Mr. Gillette, Mr. Hunt, Mr. Olesen, Mr. Vestling.

Religious Activities: Mr. Helming, Chairman; Mr. Balzer, Mrs. Catton, Mr. Fitch, Mr. Lawrence, Miss Watson.

Commencement and Other Public Occasions: Mr. Bartlett, Chairman; Mr. Bird, Mr. Culver, Mr. Gillette, Miss Watson.

Directory of Offices

Office	Hall	Room	Phone
President	Laird	111	100
Assistant to the President	Leighton	106	348
Registrar and Secretary	Leighton	105	156-J
Treasurer	Laird	101	111-J
Dean	Leighton	106	348
	West	114	755
Director of Conservatory	Music	110	415
Dean of Women	Nourse		368
Bureau of Appointments	Leighton	105	156-J
Director of Library	Scoville	102	156-L
Director of Athletics	Sayles-Hill	102	376-J
Director of Radio Station	Laird	204	111-L
Director of Promotion	Leighton	5	315
Alumni Bureau	Leighton	5	315
Carleton Press	Leighton	7	298-J

Officers of the Alumni Association 1925-1926

President: C. Whit Pfeiffer, 17.
First Vice President: Mrs. Grace Payne Hanson, '02.
Second Vice President: Elmer R. Peterson, '14.
Third Vice President: Marycarol Jones, '25.
Secretary: Dorothy Devitt, '20.
Treasurer: Jacob F. Balzer, '10.
Director: J. M. Hayes, '04. Term Expires '28.
Director: C. A. Culver, '02. Term Expires '27.
Director: L. E. Schultz, '07. Term Expires '26.

General Information

Bureaus of Information will be maintained on opening days: for women in the main corridor of Gridley Hall; for men in the corridor of West Hall. Upon arrival all women should register their names and addresses in the Gridley Hall office. Information may there be obtained from Mrs. Catton.

Baggage, Rooms, Keys

Baggage should be checked with name of dormitory to which students have been assigned. Women should verify their room assignment, before taking possession, at the office of Mrs. Catton, Gridley Hall. The men should secure their room keys from Miss Walker, the superintendent of Men's dormitories, West Hall.

Opening of Dormitories

Rooms in the college dormitories will not be ready for occupancy before Monday, September 14. The first meal will be served Monday noon.

Housing Committee

Lists of rooms near the campus available for students will be found at the information bureaus—in Gridley Hall main corridor for women, and in the lobby of West Hall. Some of these rooms may be had for helping with the housework, care of children, tending to the lawn, furnace, etc. All new students will be assisted in finding rooms. Arrangements for rooms should be made before registering. *Bring your Northfield address and telephone number to the registration hall.*

Registration

Registration for all students will be held on the main floor of the Sayles-Hill Gymnasium.

There are two days for registration for the first semester; Tuesday, September 15 for the registration of Seniors, Juniors, and Sophomores; and Wednesday, September 16 for the registration of Freshmen.

Freshmen should study in advance the section of this Bulletin headed: "Courses of Instruction Open to Fresh-

men," pages 21 to 29. Write out a tentative program of studies, to be approved by the Registration Committee. *Be sure to include the "required courses."* See page 21. Complete your program by choosing sufficient electives to make a total of 15 or 16 hours a week.

To avoid conflicts, write down the hour at which each class meets, including laboratory periods. Printed copies of the "Schedule of Recitations" will be available in the Gymnasium on registration days. Make a balanced schedule, with equal work for each recitation day, if possible.

The Dean of Women must approve the schedule chosen for each Freshman woman. Dean Vestling must approve the schedule of each Freshman man. Both Deans will be in the registration hall.

As soon as your selection of courses has been approved in registration hall, go to the Treasurer's office, 101 Laird Hall, to pay your fees for the first semester.

Concerning Payment of Bills

Secure a receipt from the Treasurer. Return with it to the office of the Registrar, who will give cards admitting to classes. All semester bills are payable in advance. Class admission cards are not given to students by the Registrar until they present Treasurer's receipts.

Matters of scholarships or loans, not previously arranged for, must be arranged with Mr. Bartlett, the Assistant to the President, 106 Leighton Hall, before going to the Treasurer's office. For the accommodation of students during registration days Mr. Bartlett's office will be open all day from 8 a. m. and also during the evening.

Changes in Registration

Changes in registration cause serious inconvenience to members of the faculty and are seldom necessary. Students should use the utmost care in registering, but if a change is necessary a request must be made in writing to the Registrar, and the reason given for the request. No change will be made the first week of the first semester and all are required to attend classes as originally registered till formal change is made. A fee of one dollar is charged for each change in registration.

Admission Certificates and Examinations

Applications for admission to the Freshman class should be addressed to the Assistant to the President accompanied by a transcript of one's high school record.

Applications for advanced standing should be addressed to the office of the Registrar accompanied by a transcript of one's high school and college or normal school record.

Applications for examinations for admission or for advanced standing should be received not later than September 8.

Examinations for admission or for advanced standing will be held on Tuesday, September 15.

Examinations for making up deficiencies will be held on Monday, September 21. Arrangements for these make-up examinations must be made in the office of the Registrar one week in advance.

Opening Week

Carleton College begins its fifty-ninth year Tuesday, September 15, 1925. Students of the upper class will register on Tuesday and Freshmen on Wednesday for their first semester courses and receive their room assignments.

First Class Sessions

On Thursday every class in the first semester schedule will meet for a 20-minute session with the instructor. It is of the utmost importance that every student shall attend, on this day, the session of every class which he is to attend during the first semester. Class rolls will be made up on that day, general directions for each course will be announced by the instructors, the texts and necessary equipment will be named.

The time at which each class will meet on Thursday is indicated in the following schedule. Students will avoid confusion by differentiating carefully between Arabic numerals—1, 2, 3, etc., and the Roman numerals—I, II, III, etc. These numerals refer to the class periods in the printed Schedule of Recitations on the next page.

Special Schedule for Thursday, September 10

Periods in Arabic numerals, 1 to 7 inclusive, are in the forenoon.

Periods in Roman numerals, I to VI inclusive, (indicating classes that meet four times a week) are in the forenoon.

Periods in Arabic numerals, 8 to 14, are in the afternoon.

Time	Periods
8:00-8:20	1 and I
8:30-8:50	2 and II
9:00-9:20	3 and III
9:30-9:50	4 and IV
Opening Chapel—10:00 a. m.	
11:00-11:20	5 and V
11:30-11:50	6 and VI
12:00-12:20	7
Luncheon—12:30 p. m.	
1:40-2:00	8
2:10-2:30	9
2:40-3:00	10
3:10-3:30	11
3:40-4:00	12
4:10-4:30	13
4:40-5:00	14

Regular Schedule of Recitations

First Semester, 1925-1926

The regular class schedule for the semester will be begun at eight o'clock Friday morning.

	3-HOUR SCHEDULE						4-HOUR SCHEDULE					
Hour	M	T	W	Th	F	S	M	T	W	Th	F	S
8:00		1	7	1	7	1		I	I	I		I
9:00		7	2	2	8	2		II	II	II		II
10:30		8	3	8	3	3		III	III		III	III
11:30		4	9	4	4	9		IV		IV	IV	IV
1:40	5	9	5	10	5		V		V	V	V	
2:40	6	10	6	10	6		VI	VI	VI		VI	
3:40	11	13	11	13	11							
4:40	12	14	12	14	12							

Monday forenoon and Saturday afternoon are ordinarily free from recitations.

A student who is registered for one or more courses that meet four hours a week as well as his three-hour courses, will note the following conflicts:

I with 1 and 7—II with 2 and 7—III with 3 and 8—IV with 4 and 9—V with 5 and 10—VI with 6 and 10: *e. g.,* one cannot take a course scheduled for Roman numeral I period and a course scheduled for Arabic numeral 1 or 7.

Attendance

Students are required to attend regularly all college exercises: the classes for which they have registered, laboratory sessions, conferences, daily chapel exercises, and the vesper service.

If a student is absent in one semester more than three times from a two-hour course, more than five times from a three-hour course, or more than six times from a four-hour course he will not be allowed to take the semester examination in that course until after the lapse of one semester, and no grade will be given until that examination is taken.

Absences occasioned by representing the College in activities sanctioned by the faculty shall be dealt with separately.

NOTE: Absence from class on the day immediately preceding or following a vacation will count as two absences.

If a student is absent in one semester more than four times from the vesper service or more than ten times from the daily chapel exercises, each absence beyond the four or the ten will be counted as two absences on the record for the following semester.

If at any time the absences in one semester, including those carried over (two for one) from the preceding semester, exceed six from the vesper service or fifteen from the daily chapel exercises, the student will be suspended for one semester.

Library

The hours of the Library are from 7:45 a. m. to 12:30 p. m., from 1:00 p. m. to 5:45 p. m. daily except Sunday, and from 6:45 p. m. to 9:45 p. m. each week day except Saturday.

Study Hall

In addition to the reading and reference rooms in Scoville Memorial Library, a study hall is arranged on the second floor of Willis. Students desiring to study in this room will bring whatever books and equipment they need. The room will be regularly under the supervision of an upper classman and will be available evenings. It is expected that this arrangement will help particularly the Freshmen in accomplishing the necessary study.

Examinations

Regular examinations are held at the close of each semester; they are conducted chiefly in writing. At the close of the year, the final examination in a year course may cover the subjects of study for the entire year. All students, including Seniors, will take the final examinations, except as provided in the "Candidates for Honors" plan. See catalog page 78. In addition to these regular examinations, tests and written recitations are held frequently during the year, with or without previous notice to the students, as the instructor prefers.

Special examinations to remove conditions may be taken any time after the lapse of three weeks, subject to the approval of the instructor concerned. For each special examination a fee of three dollars is charged, payable in advance at the Treasurer's office.

All unexcused absences from tests and examinations count as failures and are so recorded.

Modern Foreign Languages

Students continuing a foreign language in which they have had two years' preparation in high school, will register for the second year courses; if they have had only one year of preparation in language and desire to continue the subject, they are admitted to first year courses, but no college credit will be counted towards graduation for the work of the first semester, if the first year preparatory course is part of the entrance requirement. Freshmen are not admitted to Spanish 101-102. The registration for languages must be formally approved on the registration card, by a faculty member of the Foreign Language Department.

Eligibility Requirements

To participate in any intercollegiate or intersociety contest or to represent the College or any class or any society in a public way, a student must be passing in at least twelve credit-hours leading to a collegiate degree. The time for determining eligibility shall be as follows: for athletic contests, one week before the event; for college plays and oratorical and debating contests, three weeks before the event; for the Orchestra and Glee Club, three weeks before the spring trips.

Until a student shall have been credited upon the college records with at least twelve hours for the preceding semester, he shall be ineligible to participate in any athletic contest except interclass contests; in any debate or oratorical contest except intersociety contests; in the Glee Club or in the Dramatic Club presentations.

Grades

Grades are given and recorded as follows: A, excellent; B, good; C, fair; D, poor; E, failure; I, incomplete; X, condition.

An average grade of C must be maintained for all work recorded inasmuch as one grade credit is given for each hour graded C. Two grade credits are given for each hour graded B and three for each A hour. No grade credit is allowed on a D.

Courses of Instruction Open to Freshmen

For The Year 1925-1926

A year's course is indicated by joining the course numbers for two successive semesters with a hyphen, *e. g.,* 101-102. In general, no credit or only part credit is given for a single semester's work of a year course. Credit will not be given for less than a year's work in a beginning language.

Unless otherwise stated, the number of recitations each week is the same as the number of hours credit.

The normal amount of work for a student is 15 or 16 hours a semester in addition to work in physical education; a minimum of 12 hours is required. Students who wish to register for more than 17 hours, exclusive of physical education, choir, orchestra and *The Carletonian,* must secure in advance the written approval of the Dean. Ask at the registration desk for an "Extra Hours Permit" card.

Special Fees

Astronomy	$2.00
Biology, Geology and Physics	6.00
Chemistry	10.00
Fee for special examination	3.00
Fee for each hour of class work over 17[1]	8.00

Required Subjects in Freshman Year

1. English Composition.
2. A Foreign Language.
3. A Laboratory Science.
4. Physical Education.

English Composition and Physical Education are uniform for all Freshmen. The foreign language requirement may be met by taking any course in French, German, Greek or Latin; or advanced courses in Spanish. Choose one of the following laboratory sciences: astronomy, biology, botany, chemistry, physics.

The required course in science may be postponed one year provided the student take in the Freshman year either Mathematics or ancient language.

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1 Fees are not charged for extra hours in Choir, Band, Orchestra, "The Carletonian," or the required work in Physical Education.

Freshmen entering without some foreign language are required to register for Latin 11-12.

These courses are arranged alphabetically. Read through the entire list carefully before deciding what subjects to take.

Note. Owing to late changes in the faculty it was impossible to indicate assignments of new faculty members.

ART

Professor Holbourn (Chairman), Mr. Hyslop,[1] Mr. Houghton, Miss Englehard, Mrs. Jackson, Mrs. von Keller.

101. Greek Art and Archaeology.—A study of the more recently excavated sites. Greek architecture, sculpture, vases, gems, and vase-painting. Open to Freshmen and upper classmen. Two hours credit. This course will count for both Art and Greek, and will be followed in the second semester by the course in Greek Men of Letters.

102.* Art in Relation to Life.—The object of this course is to show that art, so far from being an extra adornment or accessory to life, is one of its main fundamentals. The principle of art or creative design is the same, whether applied to a piece of furniture, a picture, a city, or life itself. The course will make a survey of the great epochs of our civilization,—Greece, the Middle Ages, and the Renaissance; and of the general principles of art and of their application in town planning, garden and house planning, furniture and furnishing, architecture, sculpture, painting, poetry, music, education, social science, and individual life and character.
Second Semester.—3 hours credit. Mr. Holbourn.

105. Modern Painting and Picture Making.—A biographical account of the aims, ideals and progress of painters from the seventeenth century to the present day, including some consideration of the art of picture-making, composition, and the elements of perspective and design.
First Semester.—2 hours credit.

151-152. Drawing, Painting and Design.—All students will begin with drawing and will be promoted to further work according to their progress.
First and Second Semesters.—6 hours credit. Miss Engelhard.

ASTRONOMY

Professor Wilson (Chairman), Professor Fath.

101-102. Elementary Astronomy.—A course designed to give a knowledge of descriptive astronomy and practice in observing the heavens. No mathematics beyond elementary algebra and geometry will be needed. Regular observations of

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1 Absent on leave.
* Offered only in the second semester.

the sun, moon, planets and selected variable stars will be made. Eleven telescopes of about 3-inch aperture are provided especially for this work. Three hours of class room work and two hours of observational work per week. Fee, $2.00 each Semester.

First and Second Semesters.—8 hours credit. Mr. Fath.

BIOLOGY

Professor Dungay (Chairman), Assistant Professor Stork, Miss Irwin, Miss Mowery.

111-112. Animal Biology.—In this course an attempt is made to give a broad view of the principles of life as applied to the animal kingdom. Emphasis is placed upon the application of biological truths to human welfare. Two hours class and four hours laboratory. Fee, $6.00 each Semester.

First and Second Semesters.—8 hours credit.

103-104. General Botany.—The history and evolution of the plant groups; the life processes as manifested by plants; the common elements of our plant environments. Fee, $5.00 each Semester.

First and Second Semesters.—8 hours credit. Mr. Stork.

CHEMISTRY

Professor Exner (Chairman), Professor Lincoln, Assistant Professor Bardwell, Assistant Professor Churton, Mr. Hall.

103-104. General Chemistry.—The subject is developed in the light of modern theories by lectures illustrated by experiments. The work in the laboratory consists of experiments developing the general principles of chemistry. Three hours of lectures and class room and four hours of laboratory work per week. Fee, $10.00 per semester.

First and Second Semesters.—8 hours credit.

Mr. Lincoln, Mr. Bardwell, Mr. Hall.

EDUCATION

Professor Headley (Chairman), Assistant Professor Munroe, Assistant Professor Olesen.

101. How to Study.—An orientation course introducing the student to advantageous methods of mental work. The course includes a consideration of such topics as the use of the library, note-taking, writing examinations, efficient learning, effective remembering, and concentration. Lectures, reports, and class exercises.

First Semester.—3 hours credit. Mr. Headley, Mr. Olesen.

102. How to Study. (Logic)

A continuation of course 101, relating more particularly to the processes of reasoning.

Second Semester.—3 hours credit. Mr. Headley, Mr. Munroe.

ENGLISH

Professor Wedel (Chairman), Assistant Professor Hunter, Assistant Professor Job, Miss Fessenden, Mr. Nock, Miss Ludke, Mr. Flewelling.

GROUP A—RHETORIC AND COMPOSITION

101-102. Freshman Composition.—An introductory course in English, required of all Freshmen. Thorough drill in the correct use of the English language and in composition is supplemented by the reading of representative English classics.
First and Second Semesters.— 6 hours credit.

Students who make unsatisfactory grades in this course, or who later show themselves deficient in the use of English, are held for further work in English at the discretion of the faculty committee on English.

Mr. Hunter, Mr. Job, Miss Fessenden, Mr. Nock, Miss Ludke.

GROUP B—LANGUAGE AND LITERATURE

213-214. Types of Literature.—An introductory course in the study of literature. Required for further work in the English Department. A limited number of well qualified Freshmen may enroll for this course. Permission to enter the course should be secured from the department.

This course is required of all students who plan to make either a major or a minor in English.

First and Second Semesters.—6 hours credit.
Mr. Hunter, Mr. Job, Miss Ludke, Mr. Nock.

FRENCH

Professor Bird (Chairman), Miss Watson, Miss Bacon, Miss Ferio, Miss Martin.

101-102. Elementary French.—Fundamentals of grammar, study of irregular verbs, easy reading, composition, conversation, dictation.
First and Second Semesters.—8 hours credit. Miss Watson.

201-202. Modern French Prose.—History, stories, newspaper articles, grammar review, composition, conversation, and dictation. This course is open to Freshmen *who have had two years of French in high school.*
First and Second Semesters.—6 hours credit.
Miss Bacon, Miss Ferio.

GREEK

Professor Houghton (Chairman).

101-102. Beginning Greek.—White's First Greek Book; selections from Xenophon's *Anabasis.* Four hours credit each Semester. Open to Freshmen and upper classmen. One year of Latin prerequisite.

201. Second Year Greek.—Plato's *Apology,* and *Crito* will be read. Three hours credit. Open to those who have had one year of Greek. Followed by Homer's *Iliad* in the second semester.
First and Second Semesters.—8 hours credit. Mr. Houghton.

Art 101. Greek Art and Archeology.—A study of the more recently excavated sites. Greek architecture, sculpture, vases, gems and vase paintings. Open to Freshmen and upper classmen. Two hours credit. This course will count for both Art and Greek and will be followed in the second semester by the course in Greek Men of Letters.

GERMAN

Professor Vestling (Chairman).

101-102. Elementary German.—This course is for those students who have had no German.
First and Second Semesters.—8 hours credit.

201-202. Intermediate German.—This course is open to Freshmen *who have had two years of German in high school.*
First and Second Semesters.—6 hours credit.

HISTORY

Proffessor Duniway (Chairman), Assistant Professor Keith Clark, Mr. Baumann.

101-102. The Modern World.—A study of European political and social progress from the fifteenth century to the present time, with some reference to its mediaeval background. This course is intended to serve as a basis for advanced work in the department and as an aid in other fields of study, presupposing a general knowledge of European development. This course is required of all students who plan to make either a major or a minor in History.
First and Second Semesters.—6 hours credit.
Mr. Duniway, Miss Keith Clark.

HISTORY OF RELIGION

Professor Fitch (Chairman), Assistant Professor Balzer.

105. The Old Testament as Literature.
A critical appreciation of selections from Hebrew thought as found in the prose and poetry of the King James Version of the Old Testament. Open to Freshmen only.
First Semester.—3 hours credit Mr. Fitch.

106. Religious Origins.
The evolution of primitive religion with special reference to the religion of the Semites as forming a background for the study of the religion of Israel.
Second Semester.—3 hours credit Mr. Fitch.

LATIN

Assistant Professor Clark (Chairman), Miss Williamson.

All Students registering for courses in the department must have their registration approved by the department.

Requirements for Major in Group I.—Two years of Latin or two years of Greek are required for graduation of all students majoring in Group I (English, Public Speaking, and Foreign Languages). All students intending to satisfy this requirement in Latin are strongly urged to begin in the Freshman year, as each year of delay tends to make the fulfilment of the requirement more difficult.

Attention is called to the fact that courses 19-20 and 21-22, as well as course 11-12, are year courses, and that no credit will be given for the completion of the work of the first semester only.

The teaching of Latin is suffering at the present time in the secondary schools, and in the colleges as well, from a serious shortage of properly trained teachers. Teachers' agencies and college appointment bureaus report that in no subject is it more difficult to supply teachers than in Latin. Students who have begun Latin in the high school, or who have evidenced ability and interest in language study, are invited to give serious consideration to the advisability of taking up college work in Latin with a view to making it one of the subjects they will be prepared to teach upon graduation.

11-12. Elementary Latin and Caesar.—Grammar, composition, easy reading and some Caesar for those who begin Latin in college.

First and Second Semesters.—8 hours credit. Mr. Clark.

21-22. Selected Reading from Cicero and Virgil.—Continuation of course 11-12. Open to Freshmen *who have had two years Latin in high school.*

First and Second Semesters.—8 hours credit. Mr. Clark.

101. Cicero, Pliny and Catullus.—Cicero, *De Senectute* or *De Amicitia;* selections from Pliny's Letters and Catullus. Open to Freshmen *who have had at least three years of Latin in high school.*

First Semester.—3 hours credit. Mr. Clark.

102, Livy, Plautus, or Terence.—Selections from Livy, Bks. I, XXI, and XXII; careful study of the history of Rome and of the political conditions that prevailed during the Punic wars. One comedy of Plautus or Terence. Continuation of Course 101.

Second Semester.—3 hours credit. Mr. Clark.

19-20. Selected Readings from Caesar, Cicero and Virgil.—Continuation of course 11-12. Open to Freshmen who have had one year of Latin in high school.

First and Second Semesters.—8 hours credit. Mr. Clark.

MATHEMATICS

Professor Wilson (Chairman), Professor Gingrich, Miss White.

103. Algebra.—*For those presenting one unit entrance credit in Algebra.* Review of elementary Algebra, Quadratics, and selected topics from College Algebra.
First Semester.—4 hours credit. Mr. Gingrich.

104. Trigonometry.—Plane and Spherical.
Second Semester.—4 hours credit. Mr. Gingrich.

107-108. College Algebra, Trigonometry and Analytical Geometry.—*For those presenting one and one-half units entrance credit in Algebra.* Review of Algebra and selected topics from College Algebra, Plane Trigonometry, Analytical Geometry, with special emphasis on the study of the loci of first and second degree equations.
First and Second Semesters.—8 hours credit. Mr. Wilson.

MUSIC

Professor Gillette (Chairman), Professor Lawrence, Assistant Professor Morsbach, Assistant Professor Sloss, Assistant Professor Fletcher, Miss Symons, Miss Linnell, Mr. Finney.

Complete information regarding the Department of Music is available at the office of the chairman in Music Hall.

All applicants for admission should present themselves at the office of the chairman who will advise them as to the proper procedure for registration to be selected.

PHYSICAL EDUCATION FOR MEN

Professor Hunt (Chairman), Assistant Professor Millen, Mr. Cowles, Dr. Joseph Moses, Athletic Physician.

Requirements for Graduation.—Work in physical education is required of all Freshmen, Sophomores and Juniors. Six credits of an average grade of at least C must be earned by each student before graduation.

Physical Examinations.—At the beginning and at the close of each year each student is given a thorough physical examination to determine general health condition, physical efficiency and individual needs. If disabilities are discovered monthly examinations are given and special corrective work is arranged in place of the regular courses.

Costume Requirements.—Each man is required to have a gymnasium costume consisting of white track suit and tennis shoes.

Swimming Requirements.—Each man is required to meet the following swimming requirements before graduation: (1 and 2) 40-yard swim, using two different strokes; (3) plain running dive; (4) recover a small object in eight feet of water; (5) tow inert body; (6) prepare paper on resuscitation. This test is given in the first semester of the Freshman year and instruction is provided for those unable to qualify.

Athletic Teams.—Teams for intercollegiate competition in football, baseball, basketball, indoor and outdoor track and field athletics, swimming, tennis, ice hockey, wrestling and cross-country running are formed each year. Students are given credit for participation in athletics during the respective team seasons. In addition, interclass competition in these various branches is held each season. Classes also are formed in boxing and wrestling. Special emphasis is placed on a "sports-for-all" program.

101-102. Freshman Course.—Outdoor activities, such as track and field athletics, soccer, volley ball, playground ball, and group games, as long as weather permits. Indoors—(1) marching tactics, calisthenics, and apparatus work; (2) mass competition in athletic events; (3) gymnasium games.
First and Second Semesters.—3 hours a week; 2 hours credit.

PHYSICAL EDUCATION FOR WOMEN

Miss Devitt (Chairman), Miss Field, Miss Stahmer.

Requirement for Graduation.—Work in physical education is required of all Freshmen, Sophomores and Juniors. Six credits of an average grade of at least C must be earned by each student before graduation.

Physical Examinations.—At the beginning and at the close of each year, each student is given a thorough physical examination to determine general health condition, physical efficiency, and individual needs. If disabilities are discovered, monthly examinations are given and special corrective work is arranged in place of the regular courses.

Costume Requirements.—Each woman is required to have a gymnasium costume. See catalog p. 137.

101-102. Freshman Course.—As long as the weather permits the classes engage in outdoor activities, such as tennis, baseball, group games, field hockey, and soccer. Indoor work includes: general gymnastic exercises, games, folk dancing, and interpretative dancing.
First and Second Semesters.—3 hours a week; 2 hours credit.

103-104. Individual Gymnastics.
A course arranged for students who are physically unable to take the work of the regular classes.
First and Second Semesters.—2 hours credit.

PHYSICS AND ENGINEERING

Professor Culver (Chairman), Miss Porter.

By suitable choice of courses in other departments, men who major in this department may obtain technical degrees from schools of engineering in two years after graduation from Carleton.

111-112. General Physics.—The emphasis is laid upon the physical meaning of the principles, and the use of mathematics is reduced as much as possible for a course of college grade.

Demonstration lectures and recitations three times a week, and one two-hour laboratory period. This course meets the physics requirement in medical schools. Open to Freshmen. Fee, $5.00 each semester.

First and Second Semesters.—8 hours credit. MR. CULVER.

Departmental Announcements

Supplementing the announcements made in the catalog of March, 1925.

BIOLOGY

391-392. HUMAN ANATOMY AND PHYSIOLOGY.—A practical study of the human body intended for physical education and pre-nursing students. Open by permission to those who will make use of the course in their life work. Number limited to sixteen.

First and Second Semesters.—4 hours credit. MR. DUNGAY.

ECONOMICS

203. ECONOMIC AND INDUSTRIAL HISTORY OF ENGLAND.—An account of the development of the modern industrial system; a study of the causes and effects of the Industrial Revolution and of the beginnings of modern economic theory. Monday 11:30 and 2:40 and Tuesday at 10:30 period.

MR. BRYN JONES.

301. MODERN ECONOMIC AND POLITICAL PROBLEMS.—The development of post war problems with the causes of the European war as a background. Reparations, War Debts, Security Pact and similar contemporary problems will be studied in detail. This course has previously been offered in the second semester.

MR. BRYN JONES.

ENGLISH

207-208. ADVANCED COMPOSITION—Mr. Nock.
213-214. TYPES OF LITERATURE—Mr Hunter, Mr. Job, Miss Ludke, Mr. Nock.
313. CHAUCER—Mr. Job.
315-316. SHAKESPEARE—Mr. Wedel.
317-318. THE ENGLISH DRAMA—Mr. Hunter.
321. THE ROMANTIC PERIOD—Mr. Job.
323. NINETEENTH CENTURY PROSE—Mr. Job.
345. GREAT MORALISTS—Mr. Wedel. Listed also as Biography 303-304. Full credit given in English.
397-398. HONORS COURSE—A seminar for those taking honors in English. MR. WEDEL.

The probable list of courses for the second semester, in addition to the year courses announced above, are: 325, 338, 334, 410, (for 1 hour credit.) See catalog.

COURSES IN JOURNALISM will not be given during the year 1925-1926.

FRENCH

Section C of Course 201, offered period 4, is for students who are looking toward scientific French, the second semester.

GEOLOGY

Geology 101-102 will be offered beginning the first semester. This course is open to Freshmen who have had Chemistry in the high school.

GREEK AND SANSKRIT

Mr. Houghton announces his courses in Greek and Sanskrit on the schedule of recitations, with the understanding that he will give instruction in any of the three courses having the largest enrolment.

SANSKRIT 201-202. BEGINNING SANSKRIT.—Perry's Primer, Macdonell's Grammar, Monier Williams' *Nalopakhyanam.* Lectures on the forms of Sanskrit literature and on the history and progress of Sanskrit studies. Three hours credit each semester. The class will meet as a seminar in Dr. Houghton's apartment. Open to upper classmen who have had one year of Latin or Greek. Important for students majoring in Latin, German, or English.

HOME ECONOMICS

The work of this department is planned primarily to prepare teachers for the extension of home economics; to prepare women for the responsibilities of homemaking; to furnish the foundation for those who desire to specialize in some particular field, such as nutrition, dietetics, home economics, extension work, institutional management, public health work, costume designing and interior decoration.

Students who wish to prepare for the Home Economics course in food should register for Chemistry 103 the first semester.

LATIN

203. Epistolary Latin.—Cicero and Pliny. Studies upon assigned topics connected with Cicero's private life. Lectures and discussions on the social life of Rome under the Republic and Empire. Open to students who have taken courses 101 and 102, or their equivalent. Not open to Freshmen. The subject matter of this course may be changed to suit the needs and wishes of the class.

First Semester.—3 hours credit. MR. CLARK.

MATHEMATICS

Miss White will be absent on leave during the first part of the semester. Her courses in Mathematics 203 and 301 will be given by Professor Gingrich. Her course in Mathematics 204 will be deferred until the second semester. The Freshman course in Mathematics 107 will be given by Professor Wilson.

PHILOSOPHY

223-224. PHILOSOPHY OF RELIGIOUS EXPERIENCE.—In the first semester the nature and institutions of religion in general will be examined and the scientific basis for the philosophical discussion of religion will be made clear. In the second semester the fundamental nature of religion and the ultimate and universal grounds of religious life will be considered and variant philosophies of religion will be reviewed. *Lectures, discussions and readings. Three hours throughout the year.* MR. PATTON.

207-208. This course, in the Philosophy of Nature, will be given only the second semester of 1925-1926. The course will be based upon Boodin's *Cosmic Evolution.* Students taking this course may count Astronomy 351, Biology 352, as three hours towards philosophy requirements in 1925-1926. It will be opened only to Juniors and Seniors except by permission of the instructor.

The following courses may be counted towards a major in philosophy provided that a minimum of twelve hours be taken in the department of philosophy: Psychology 201-202, Psychology 203, Biography 212, Biography 303-304, History of Religion 309 and 310. This has no relation to the Philosophy-Bible requirement.

New Faculty Members, 1925-1926

Elizabeth Williamson, Acting Dean of Women and Assistant Professor of Latin. B. A. Lombard, M. A. (Nebraska); graduate work at Radcliffe and Columbia. Miss Williamson has had considerable experience in the work of Dean.

William Z. Fletcher, Assistant Professor of Voice. Mu.B. Chicago Musical College, 1923. Mr. Fletcher has been a student at Peabody Conservatory in Baltimore, and with Clippenger in Chicago. Last summer he was with Oscar Saenger in New York. He comes to Carleton from the Wichita College of Music.

Theodore M. Finney, Instructor in Violin. B. A. University of Minnesota, 1923. Mr. Finney attended high school in Valley City, North Dakota. His home is in Minneapolis, where he played in the Minneapolis Symphony Orchestra for two years. He substituted as director of the high school orchestra in Council Bluffs, Iowa, for four months last spring. On August first Mr. Finney was married to Miss Myrle Seeley, of Mapleton, Minnesota.

Mildred B. Porter, Instructor in Physics. B. A. Smith, 1916; M. A. Smith, 1920; Columbia University, summer of 1920; University of Chicago, 1925. Miss Porter taught in the high school at Camden, New York and was assistant and later instructor in physics at Smith.

Samuel Albert Nock, Instructor in English. B. A. Haverford College, 1921; studied in Munich, Germany, and University Library, Oslo (Kristiania), Norway; Phi Beta Kappa. Mr. Nock comes from a teaching position in Virginia Polytechnic Institute, previous to which he has had experience at editing and managing a weekly newspaper.

Margaret J. Engelhard, Instructor in Art. Bryn Mawr and Northwestern; Chicago Art Institute, two years; study in England, France, Sicily and Italy. Miss Engelhard came to instruct in art last spring to fill a vacancy left by Miss Mary B. Shaw.

Gerald E. Marsh, Instructor in Public Speaking. B. A. Carleton, 1921; studied at Harvard 1921-1922; instructor at Carleton 1922-1924. Mr. Marsh was on leave of absence the past year, studying at Northwestern University, and now returns to his former position.

Gretchen Ludke, Instructor in English. B. A. Carleton, 1923; M. A. University of California, 1925; Phi Beta Kappa. Miss Ludke studied at Radcliffe College 1923 and 1924.

Bertha Linnell, Instructor in Harmony and Public School Music. Crane Institute of Music. Miss Linnell instructed at Carleton in the same capacity in 1922-1924. During the past year she has been studying at Columbia University.

Mrs. Beatrice von Keller, who comes to serve in the Art Department owing to the absence of Mr. Hyslop is an artist of recognized merit in Chicago. She was a pupil of Lorado Taft, and has studied at the University of Chicago and the Royal Academy of Stockholm. She has had experience as a teacher of Art in several private schools in Chicago.

Olive Kay Martin fills the vacancy in the French Department. A graduate of the University of Chicago, she has taught at Monticello Seminary, Harvard School for Boys, State University of Iowa, University of Chicago High School and State Teachers' College at Maryville, Missouri. Miss Martin will also serve as head of Dean Lodge.

F. L. Baumann is well fitted to fill the vacancy in the Department of History caused by the resignation of Mr. Ritchey. He is a graduate of the University of Chicago and his experience includes the principalship of the high school at Loranger, Louisiana; an instructorship in the New Mexico Military Institute and the acting headship of the Department of History of Franklin College, Indiana.

H. Lloyd Flewelling is a graduate of Dartmouth where he received his B. A. degree. Later he took his M. A. at the University of Maine where he has been instructor in English for the past three years. His work at Carleton will be in the English Department.

W. Bayard Taylor has been granted a leave of absence from his position as Instructor in Economics at the University of Minnesota to take a similar position at Carleton. Mr. Taylor is a graduate of Beloit and prior to his engagement at the University of Minnesota was Professor of Economics and Business Administration at Windom College and later Instructor in Economics at the University of Chicago.

Marion S. Irwin has been appointed to take Mrs. Young's place as Instructor in Biology. She is a graduate of the University of Minnesota and has had extensive graduate work, also teaching experience in Ripon College and the University of Minnesota.

HARVARD EXCHANGE PROFESSOR

Edward V. Huntington, Harvard Exchange Professor of Mechanics. B. A. Harvard, 1895; M. A. 1897; Ph. D. University of Strassburg, Germany, 1901. Professor Huntington is known as a philosophical mathematician.

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Carleton Football Schedule—1925

October 3—Luther at Carleton.
October 10—Northwestern University at Evanston.
October 17—Open.
October 24—St. Olaf at St. Olaf.
October 31—Macalester at St. Paul.
November 7—Hamline at Carleton.
November 14—Coe at Carleton.
November 21—Knox at Carleton.

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